

Prices + Technology I / 2020 | Price basis 01.01.2020

# Kermi design radiators



I like it cosy. Kermi.

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Date: November 2019

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# Kermi design radiators

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# I like it cosy. Kermi.

At home in your own four walls: This is precisely where we yearn to be comfortable, in familiar surroundings, feeling safe and secure. The thermal comfort being right makes a significant contribution towards us experiencing our home in this way, allowing us to relax and have a rest.

What makes the right thermal comfort? How do you measure being comfortable? At Kermi, we have been working on this for decades now. It all started with radiators and surface heating. Today, our focus is on creating an optimal temperature in the rooms we work and live in. We provide a feeling of security and being able to relax throughout the year with integral solutions for optimal warmth and thermal comfort in both new-builds and also in renovated existing housing. For this purpose, we utilise our expertise to sustainably combine water-based and electricity-based components to recover heat, store heat, control and transfer it, and for residential ventilation.

Healthy thermal comfort affects many aspects of life. Feeling good is what we experience.

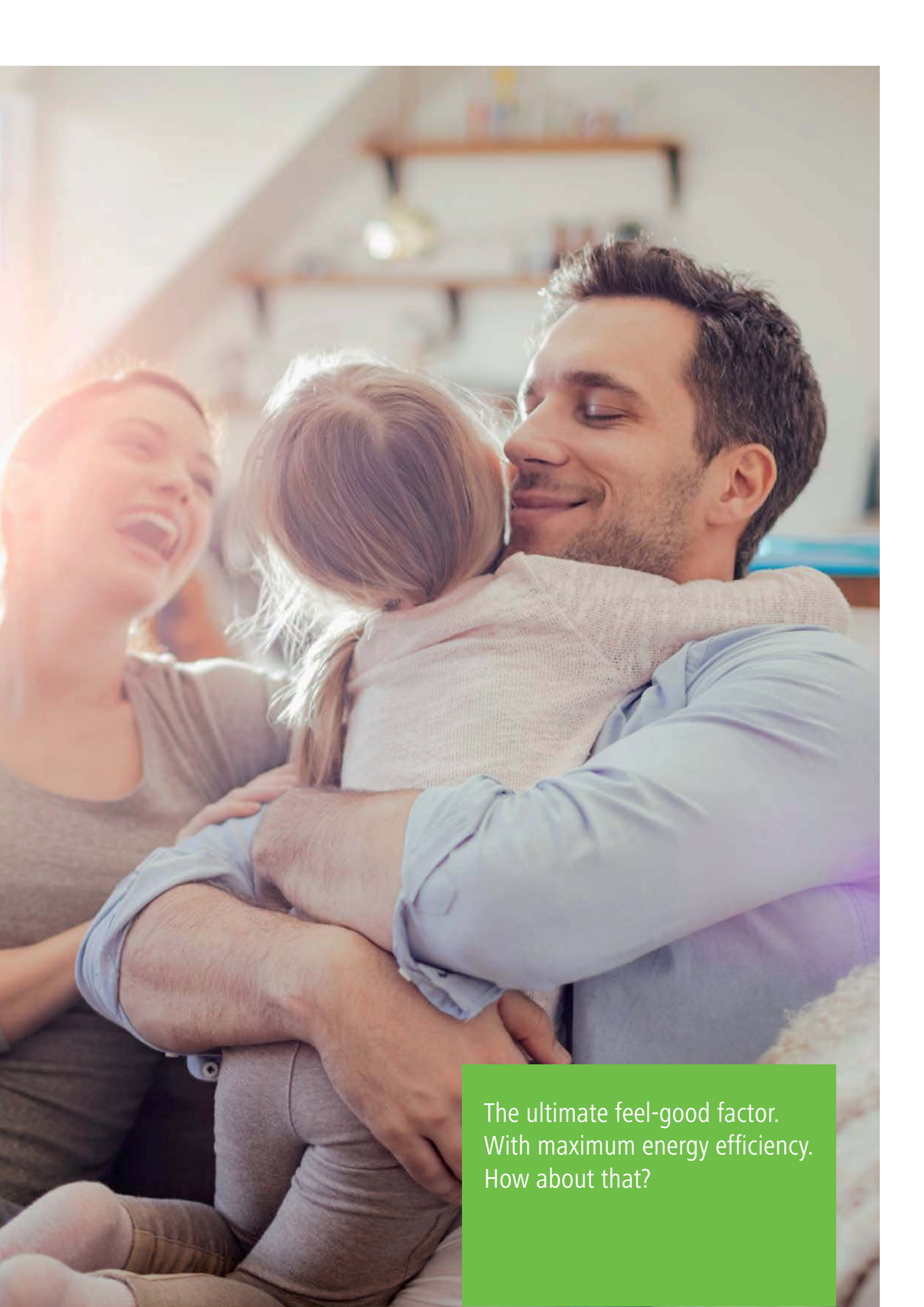
Future-proof and sustainable products made by Kermi give you the security of knowing that you have made a good decision for the environment as well. The Kermi system x-optimised provides optimal energy efficiency thanks to sophisticated interaction between all elements. All the while giving you a reliable high quality standard of Kermi components and systems. It is seamlessly ensured from product development through production to final inspection. Furthermore, the cooperation with our specialist partners, our pre-sales and after-sales services, and the large number of additional services offers you a reassuring feeling.

With our highly innovative solutions, we at Kermi provide your home with healthy, "green" warmth and fresh, clean air to ensure you feel good at home!

For nearly six decades now, Kermi has been developing and producing thermal comfort and shower design products at its headquarters in Lower Bavaria. Today, Kermi is among the leading manufacturers in Europe in these areas. As a pioneer when it comes to economy and ecology, Kermi keeps setting standards in technology, design, and efficiency with its approx. 1300 qualified employees in Plattling.

You can find out more about Kermi and our locations at [www.kermi.com](http://www.kermi.com)





The ultimate feel-good factor.  
With maximum energy efficiency.  
How about that?



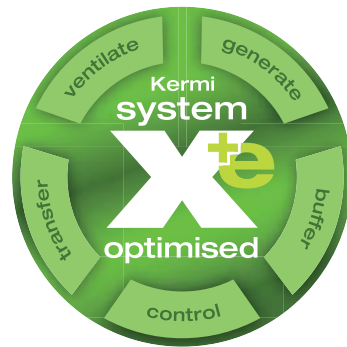


The Kermi efficiency formula:

Kermi  
system  
**X**  
optimised

&

electro  
**te**  
solutions



You can rely on this

**MADE IN GERMANY**

Highest quality.  
Produced in Germany for  
nearly sixty years now



Heat output according to  
European standard DIN EN 442



Certified management system  
according to ISO 9001/  
140001/50001



RAL quality mark as a guaran-  
tee for the highest quality

**CE**  
**EN 442**

All products are manufactured  
according to the highest  
product quality standards in  
accordance with EN 442



Kermi 5-year system warranty



# Everything for healthy thermal comfort

Sustainably generating heat. Storing heat energy for the long term. Selectively controlling heat. Efficiently transferring heat. And ventilating your living space in a controlled manner. This is the innovative and integral approach of the “Kermi system x-optimised”.

## A system for the future

Comfortable warmth and controlled ventilation are what affect your well-being in your work and living space. Heating and ventilation are mutually dependent. The trailblazing “Kermi system x-optimised” offers a range of advantages for future-proof heating and ventilation technology.

In the past, the percentage of water-based heating systems using fossil fuel energy sources was high. This has changed considerably. Regenerative electricity production is consistently supplying more electricity, making this energy an important building block in a modern heating concept. Today already, Kermi is cleverly combining the water-based and electricity-based components in the system x-optimised, thereby enabling particularly sustainable use of energy, providing healthy thermal comfort.

A systemic approach is paramount, the heart of which is modern management of energy and comfort levels. It optimises the interfaces, minimises energy losses between system components, and improves energy efficiency many times over. The innovative x-buffer layered buffer storage is optimally coordinated with the operating mode and efficiency of the x-change heat pump. Heat transfer has its clearly defined place within the system. Residential ventilation ensures that there is dust-free and pollen-free fresh air which provides the best air quality in the room.

And the systemic approach goes even further. Components which fit together and are perfectly tailored to each other mean greater security. Kermi’s unique Plug & Heat principle unites the parts of the installation which belong together.

The intuitive operation of the system makes it easy to optimally control it in daily use.

## Improving energy efficiency

The energy efficiency of the entire system is the result of the x-fold optimised components and their perfect interaction. Each component is designed to be highly efficient in its own right. The x-fold optimisation between individual components considerably increases the efficiency of the whole system even further. Having all system components from a single source means that you get additional quality and planning security.

All parts of the “Kermi system x-optimised” have been developed by Kermi or under Kermi’s direction, using state-of-the-art technology, and have been subjected to strenuous testing. This means that “x-optimised” is an x-fold promise for x-fold performance thanks to the intelligent use of components based on water or electricity.

**The Kermi system x-optimised controls the interaction between the areas with attention to detail and demand.**

# Being comfortable – from a single source

The whole is more than the sum of its individual parts. Particularly if every part is powerful, works reliably, is of high quality, and meets modern design requirements. Nothing less will do as far as we at Kermi are concerned.

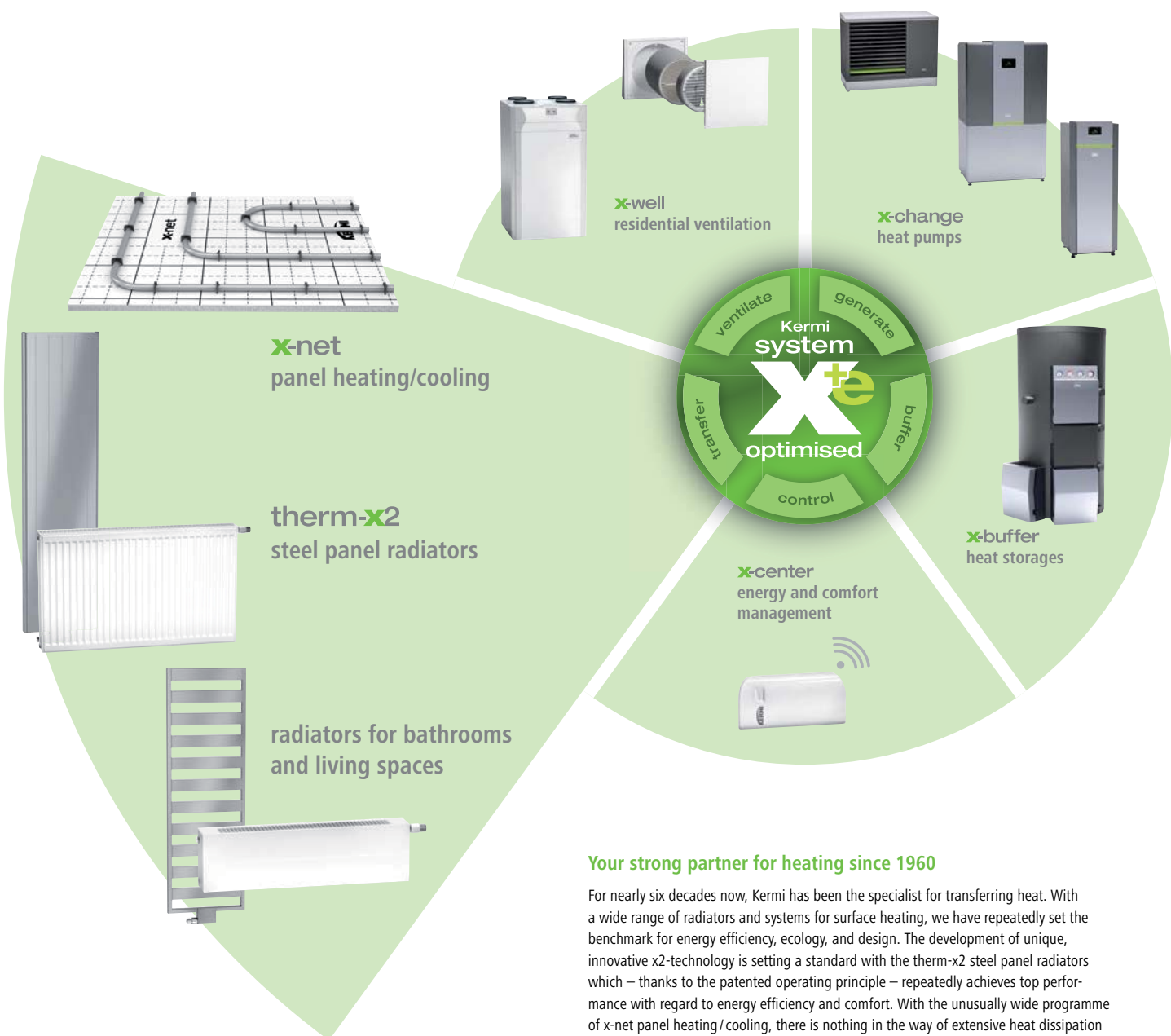
## Integrated solutions from the heating specialist

Every building has different framework conditions and requirements. With Kermi you have a competent partner for optimal heating and thermal comfort by your side in residential construction. With integrated solutions from a single source, not only are efficiency and energy savings guaranteed, but also a feeling of homeliness and comfort. Even with complicated structural conditions in an existing building, heating and thermal comfort systems made by Kermi provide a significant advantage. Because the components are also highly effective and innovative in the energy-efficient renovation of existing buildings.

## Functionality combined with attractive design

Functionality and design have always belonged together at Kermi. We strive every day to combine both of them at a high level when developing each product. Prizes and awards for innovative technological solutions and product design are the result. This means you can rely on the quality, functionality, and design of Kermi brand products and systems.





### Your strong partner for heating since 1960

For nearly six decades now, Kermi has been the specialist for transferring heat. With a wide range of radiators and systems for surface heating, we have repeatedly set the benchmark for energy efficiency, ecology, and design. The development of unique, innovative x2-technology is setting a standard with the therm-x2 steel panel radiators which – thanks to the patented operating principle – repeatedly achieves top performance with regard to energy efficiency and comfort. With the unusually wide programme of x-net panel heating / cooling, there is nothing in the way of extensive heat dissipation with a high proportion of radiant heat.

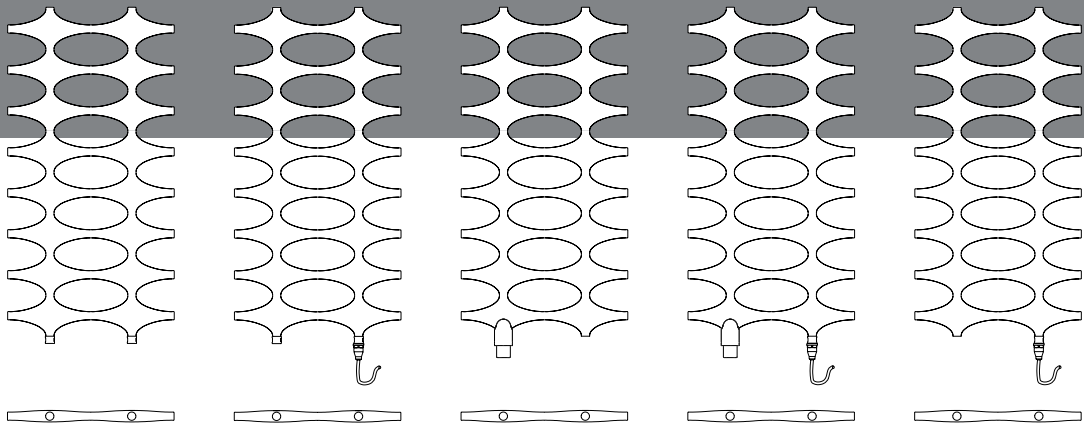
There is a wide range of bathroom and living room radiators to choose from. Convectors are high powered specialists for rooms with large window areas where they quickly provide cosy warmth. Heating panels are popular with the high proportion of cosy radiant heat they produce. The aesthetic design, the individual shaping and the high quality finishing make Kermi design radiators to gentrifying design elements in bath- and living rooms. The designs beautifully complement modern architecture. Numerous models have won prestigious design awards.

More than one idea ahead



# Ideos®

- Standard version with visible connections
- Ideos-V with integrated valve fitting and 50 mm side or centre connection (for 3 elements)
- Ideos-V including thermostatic sensor head and screw connection
- Version with additional electric heating
- Ideos-E for all-electric operation



Ideos  
Radiator  
page 12

Ideos  
Radiator for additional  
electric operation  
page 16

Ideos-V  
Radiator with valve  
page 20

Ideos-V  
Radiator with valve  
for additional electric  
operation  
page 24

Ideos-E  
All-electric radiator  
page 28





## Product benefits

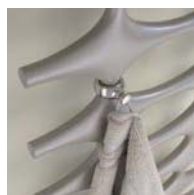
- Compact radiator for hot water operation
- Unique elementary construction, 2- or 3-row
- Fixing not visible from the front
- Connections from bottom, hub distance depends on length
- Additional electric operation possible, heating rod can be retrofitted; see page 16
- Anti-corrosion coating available. For technical description, see page 231



## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

## Accessories



Extensive quality features far in excess of the standard.



## Pricing information – Hot water operation

Painted radiator								EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts			Product code	Price 1	Price 2
				75/65-20°C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
								Radiator in standard colour, white (RAL 9016)	Radiator according to Kermi colour concept
776	508	37	1.2159	262	298 325	188 117	IDN10080050 .XXK	735.00	919.00
1151	508	37	1.2174	383	436 475	275 171	IDN10120050 .XXK	907.00	1134.00
1151	758	37	1.2125	564	641 698	406 252	IDN10120075 .XXK	1160.00	1450.00
1526	508	37	1.2122	524	596 649	377 235	IDN10150050 .XXK	1075.00	1344.00
1526	758	37	1.2184	772	878 957	555 344	IDN10150075 .XXK	1416.00	1770.00
1901	508	37	1.2361	630	718 783	451 278	IDN10190050 .XXK	1246.00	1558.00
1901	758	37	1.2328	963	1097 1197	690 425	IDN10190075 .XXK	1669.00	2086.00

- Anti-corrosion coating (RAL 9016): + 40 % on price 1
- Anti-corrosion coating (colour): on request
- Special solutions: on request

When ordering, please state: colour.  
See page 257.

### Ordering example 1:

Ideos 1526 x 758 mm white (RAL 9016)

Product code: IDN10150075 2 XXK

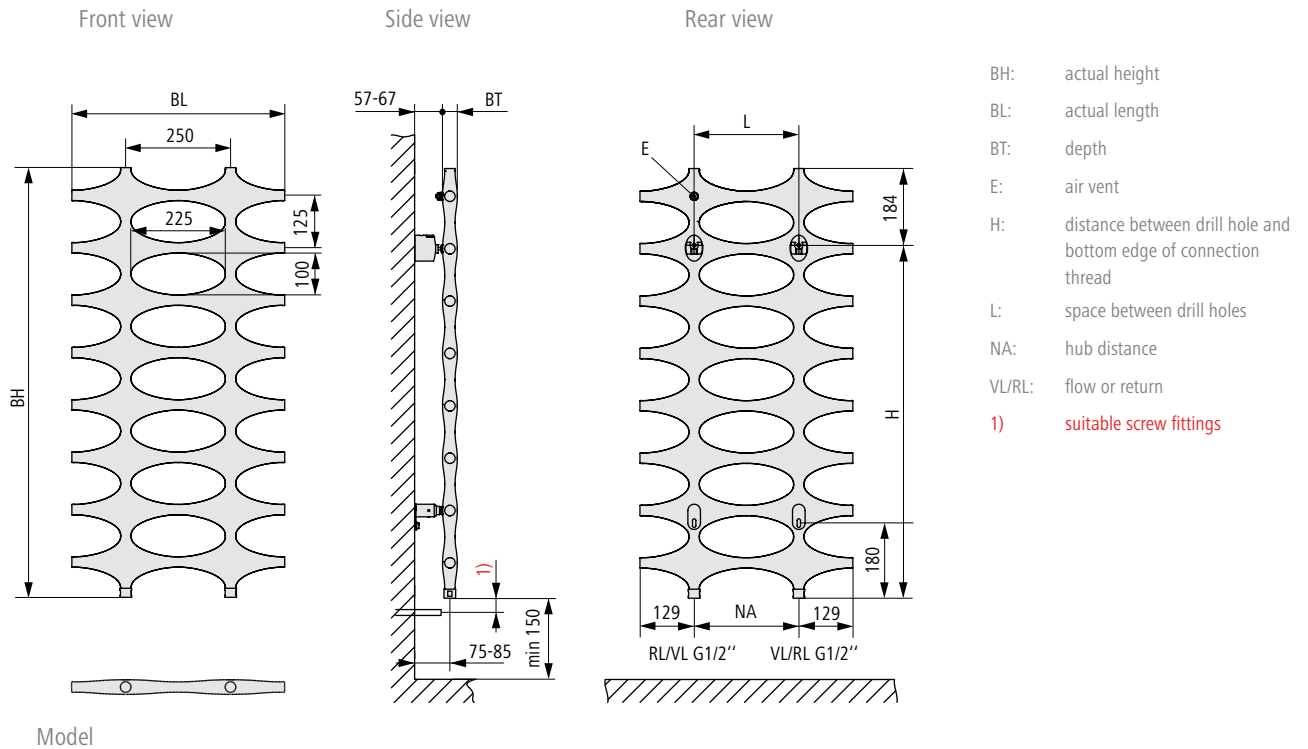
### Ordering example 2:

Ideos 1526 x 758 mm circonsilver Metallic

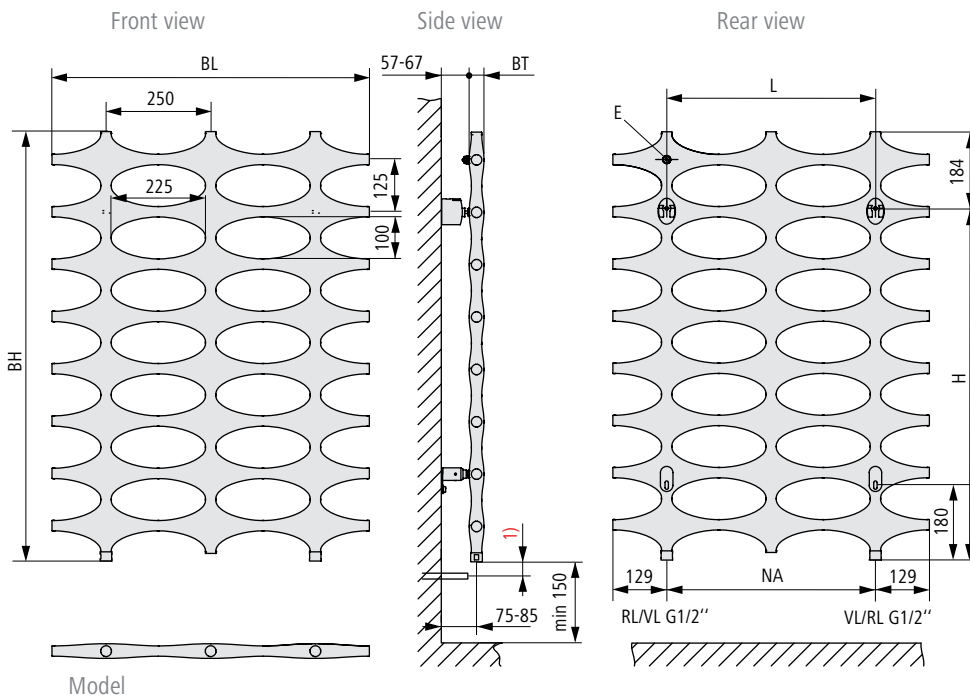
Product code: IDN10150075 Radiator colour circonsilver Metallic

## Technical information – Hot water operation

### Ideos dimensions – length 508



### Ideos dimensions – length 758



Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA mm	H mm	L mm	Weight kg	Water content l
776	508	37	250	592	250	5,10	3,70
1151	508	37	250	967	250	7,60	5,50
1151	758	37	500	967	500	11,30	8,10
1526	508	37	250	1342	250	10,20	7,10
1526	758	37	500	1342	500	14,90	10,90
1901	508	37	250	1717	250	12,50	9,10
1901	758	37	500	1717	500	18,60	13,60



For characteristic equation,  
see page 250.

- Connections: 2 x G 1/2" internal thread downwards, hub distance depends on length.  
Flow available at left or right.  
Suitable for one-pipe system.
- Air vent: G 1/4" backwards, on the right
- Operating pressure: max. 6 bar
- Test pressure: 7.8 bar
- Operating conditions: Hot water up to 110 °C

# Ideos® additional electric operation



## Product benefits

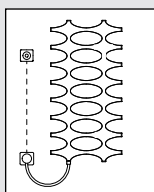
- Compact radiator for additional electric operation
- Unique elementary construction, 2- or 3-row
- Fixing not visible from the front
- Connections from bottom, hub distance depends on length
- Anti-corrosion coating available. For technical description, see page 231



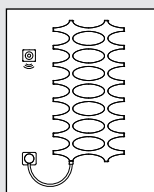
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Including T-piece for heating rod installation
- Electrical set WKS, WFS, or WRX. For technical description, see page 31

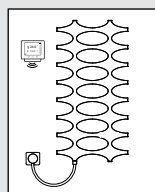
## Versions



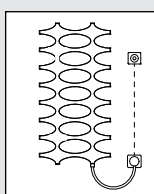
Electrical set WKS on the left  
Version C white  
Version titanium



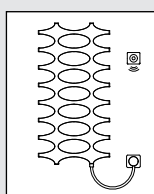
Electrical set WFS on the left  
Version E white  
Version titanium



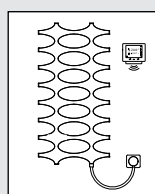
Electrical set WRX on the left  
Version T white/white  
Version white/black, black/black



Electrical set WKS on the right  
Version D white  
Version titanium

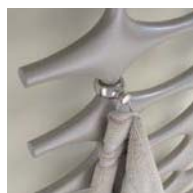


Electrical set WFS on the right  
Version F white  
Version titanium



Electrical set WRX on the right  
Version S white/white  
Version white/black, black/black

## Accessories



Extensive quality features far in excess of the standard.

## Price information – Additional electric operation



### Prices and heat output

Painted radiator									EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts			Product code	Radiator in standard colour, white (RAL 9016), incl.		Radiator according to Kerma colour concept incl.				
				E-set	75/65-20 °C	90/70-24°C		70/55-24 °C 55/45-24 °C	WKS in white	WFS in white	WRX in white/white	WKS in white	WFS in white	WRX in white/white
1151	508	37	1.2174	400	383	436	275 171	IDN11120050 ..XK	1186.00	1309.00	1444.00	1413.00	1536.00	1671.00
1151	758	37	1.2125	600	564	641	406 252	IDN11120075 ..XK	1446.00	1567.00	1702.00	1736.00	1857.00	1992.00
1526	508	37	1.2122	600	524	596	377 235	IDN11150050 ..XK	1361.00	1482.00	1617.00	1630.00	1751.00	1886.00
1526	758	37	1.2184	800	772	878	555 344	IDN11150075 ..XK	1710.00	1830.00	1965.00	2064.00	2184.00	2319.00
1901	508	37	1.2361	600	630	718	451 278	IDN11190050 ..XK	1532.00	1653.00	1788.00	1844.00	1965.00	2100.00
1901	758	37	1.2328	800	963	1097	690 425	IDN11190075 ..XK	1963.00	2083.00	2218.00	2380.00	2500.00	2635.00

- Electrical set (WKS, WFS) in titanium: + EUR **62.00**
- Anti-corrosion coating (RAL 9016): **on request**
- Anti-corrosion coating (colour): **on request**
- Special solutions: **on request**

When ordering, please state: colour, version. See page 257.

### Ordering example 1:

Ideos 1526 x 758 mm in white (RAL 9016),  
electrical set WRX on the right in white/white

**Product code:** IDN11150075 2 S XK

### Ordering example 2:

Ideos 1526 x 758 mm in circonsilver Metallic,  
electrical set WRX on the right in black/black

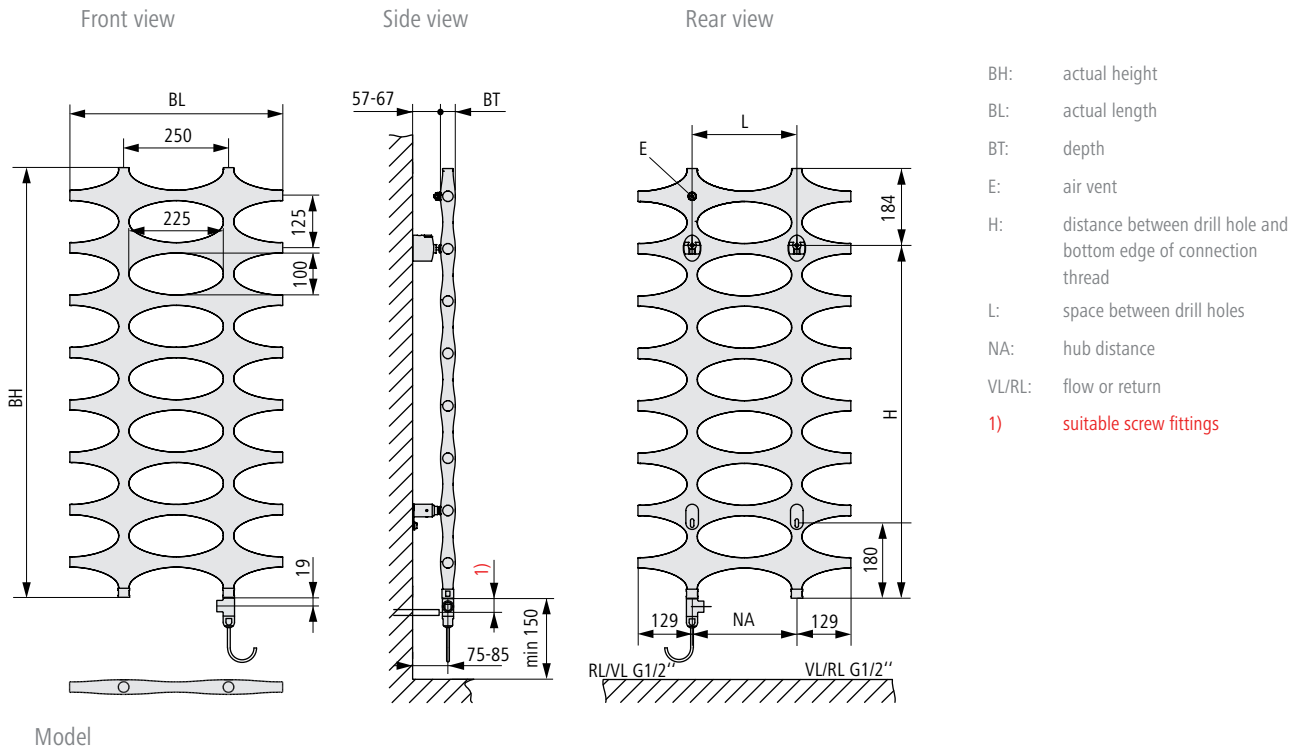
**Product code:** IDN11150075 Radiator colour circonsilver Metallic,  
electrical set WRX on the right in black/black

**Price:** Radiator with WRX in white 2319.00 EUR no surcharge for  
electrical set in black/black = complete price 2319.00 EUR

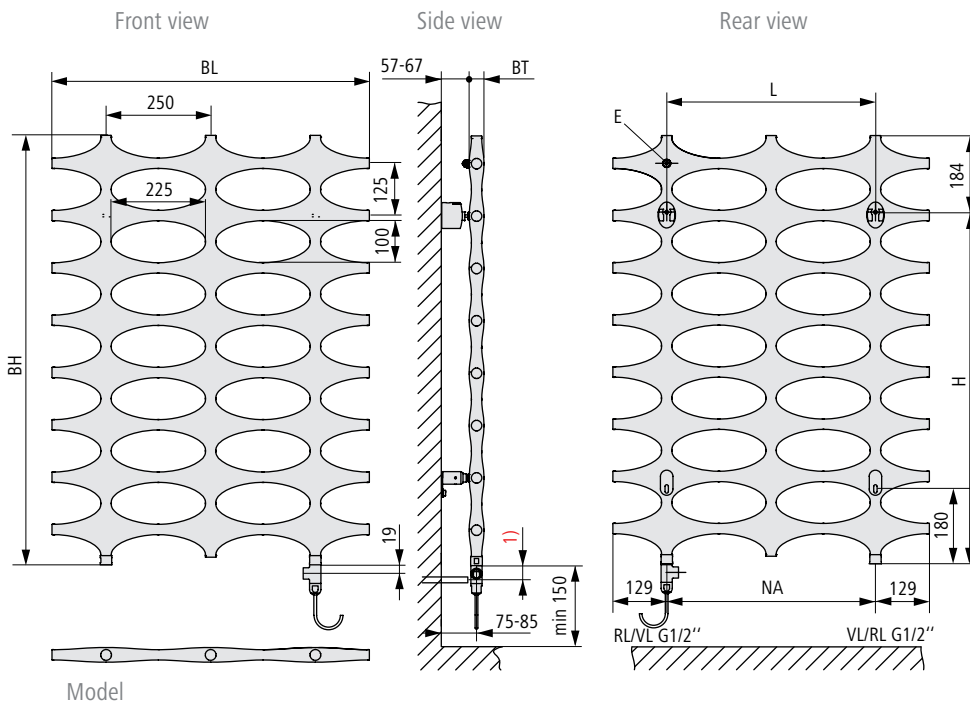
# Ideos® additional electric operation

## Technical information – Additional electric operation

### Ideos dimensions in additional electric operation – length 508



### Ideos dimensions in additional electric operation – length 758



Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.



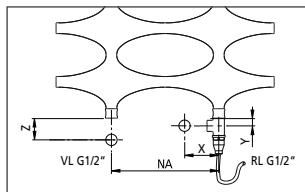
BH mm	BL mm	BT mm	NA mm	H mm	L mm	Weight kg	Water content l
1151	508	37	250	967	250	7,60	5,50
1151	758	37	500	967	500	11,30	8,10
1526	508	37	250	1342	250	10,20	7,10
1526	758	37	500	1342	500	14,90	10,90
1901	508	37	250	1717	250	12,50	9,10
1901	758	37	500	1717	500	18,60	13,60



For characteristic equation, see page 250.

- Connections: 2 x G 1/2" internal thread downwards, hub distance depends on length.  
Flow available at left or right.  
Suitable for one-pipe system.
- Air vent: G 1/4" backwards, on the right
- Operating pressure: max. 6 bar
- Test pressure: 7.8 bar
- Operating conditions: Hot water up to 80 °C.  
The electric heating rod is connected via the wall outlet to 230 V 50 Hz AC using a flush-mounted box.

#### Ideas connection with additional electric operation



For the installation of an electric heating rod in the heating flow or return, a T-piece is mandatory (connections 2 x G 1/2" internal thread, 1 x G 1/2" external thread). This changes the position of the pipes in relation to the radiator horizontally (dimension X) and vertically (dimension Y) – depending on the angle valve and T-piece used. When the provided T-piece ZT00560001 is used, Y = 19 mm. When the angle valve available as an accessory is used (connection on the left: ZV00300003, connection on the right: ZV00300004), Z = 60 mm. For this reason, upgrade of an electric heating rod is not possible after the radiator has already been installed.

#### Please note:

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator.



# Ideos®-V



## Product benefits

- Radiator with valve for hot water operation
- Unique elementary construction, 2- or 3-row
- Covered connection situation
- Fixing not visible from the front
- 50 mm connection backwards (centre connection for 3-row version)
- Additional electric operation possible, heating rod can be retrofitted; see page 24
- Anti-corrosion coating available. For technical description, see page 231



## Scope of delivery

- Including thermostatic sensor head and screw connections
- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

## Accessories



Extensive quality features far in excess of the standard.

## Pricing information – Hot water operation

Painted radiator								EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts			Product code	Price 1	Price 2
				75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
758	508	37	1.2159	262	298 325	188 117	IDV10080050 . LXX	Radiator in standard colour, white (RAL 9016)	Radiator according to Kermi colour concept
1133	508	37	1.2174	383	436 475	275 171	IDV10120050 . LXX	974.00	1218.00
1133	758	37	1.2125	564	641 698	406 252	IDV10120075 . MXK	1142.00	1428.00
1508	508	37	1.2122	524	596 649	377 235	IDV10150050 . LXX	1396.00	1745.00
1508	758	37	1.2184	772	878 957	555 344	IDV10150075 . MXK	1309.00	1636.00
1883	508	37	1.2361	630	718 783	451 278	IDV10190050 . LXX	1648.00	2060.00
1883	758	37	1.2328	963	1097 1197	690 425	IDV10190075 . MXK	1480.00	1850.00
								1906.00	2383.00

- Anti-corrosion coating (RAL 9016): + 40 % on price 1
- Anti-corrosion coating (colour): on request
- Special solutions: on request

When ordering, please state: colour.  
See page 257.

### Ordering example 1:

Ideos-V 1508 x 758 mm white (RAL 9016)

Product code: **IDV10150075 2 MXK**

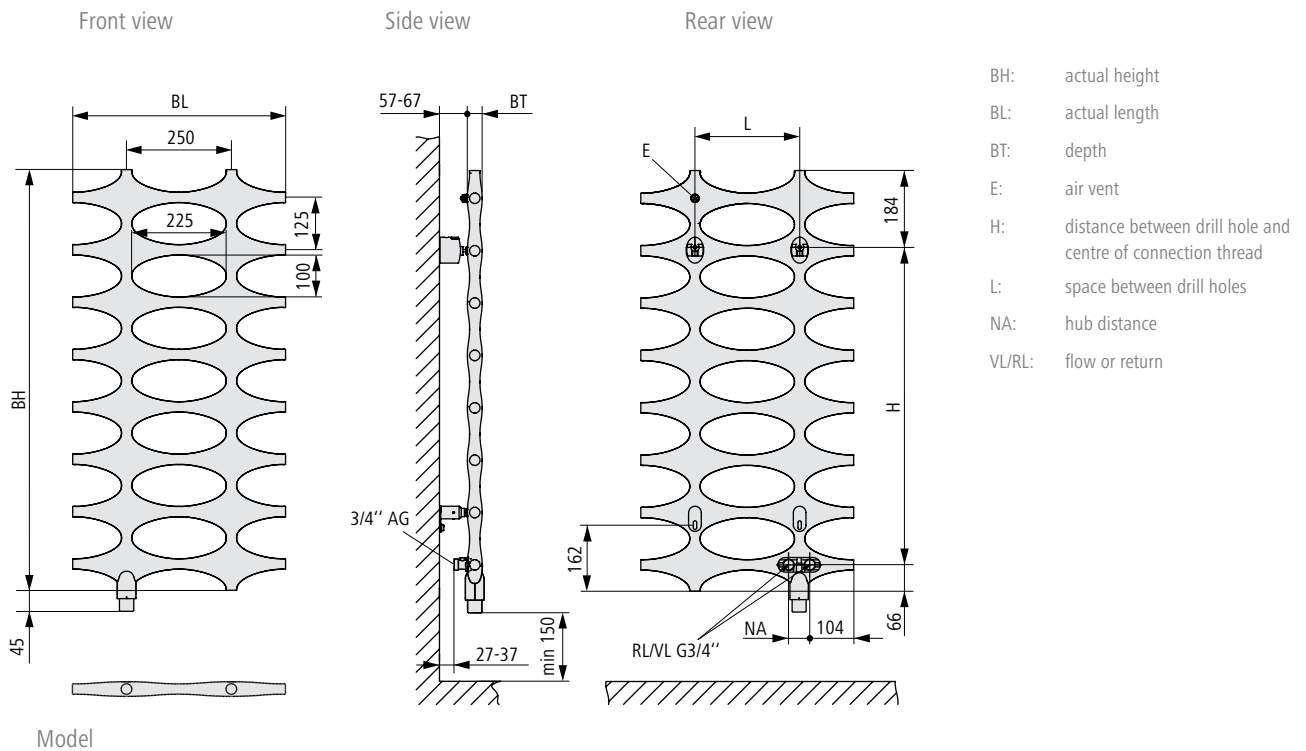
### Ordering example 2:

Ideos-V 1508 x 758 mm, circonsilver Metallic

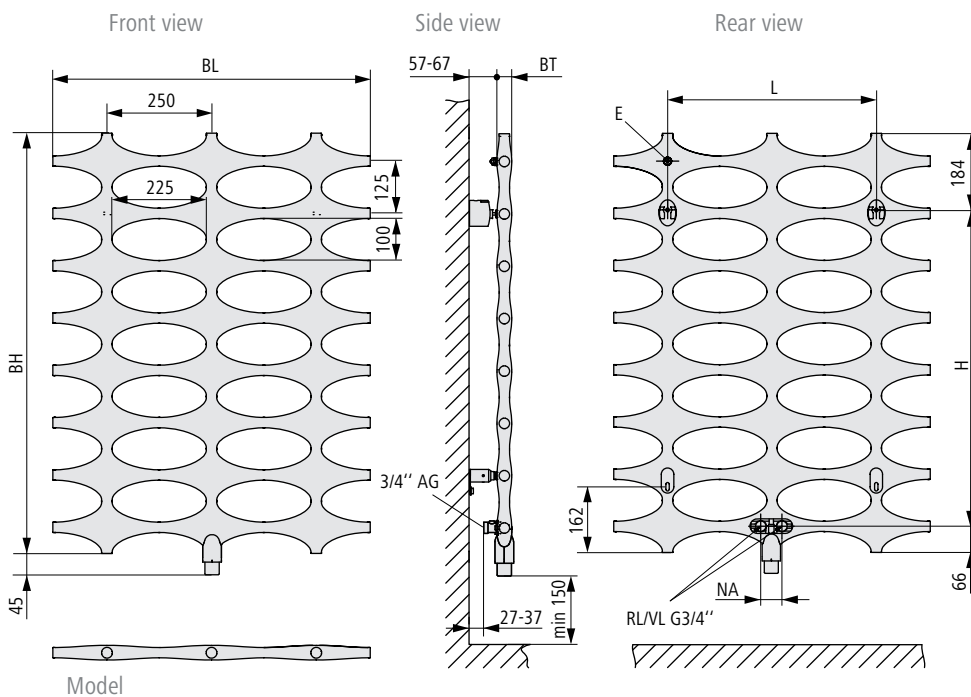
Product code: **IDV10150075 Radiator colour circonsilver Metallic**

## Technical information – Hot water operation

### Ideos-V dimensions – length 508



### Ideos-V dimensions – length 758



Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA mm	H mm	L mm	Weight kg	Water content l
758	508	37	50	508	250	5,10	3,70
1133	508	37	50	883	250	7,60	5,50
1133	758	37	50	883	500	11,30	8,10
1508	508	37	50	1258	250	10,20	7,10
1508	758	37	50	1258	500	14,90	10,90
1883	508	37	50	1633	250	12,50	9,10
1883	758	37	50	1633	500	18,60	13,60



For characteristic equation,  
see page 250.

- Connections: 2 x G 3/4" external thread, backwards, hub distance 50 mm, pipes from wall only.  
Flow on the left standard, flow on the right possible by changing the flow direction in the lockable valve fitting.  
Not suitable for one-pipe system.
- Air vent: G 1/4" backwards, on the right
- Operating pressure: max. 6 bar
- Test pressure: 7.8 bar
- Operating conditions: Hot water up to 110 °C

# Ideos®-V additional electric operation



## Product benefits

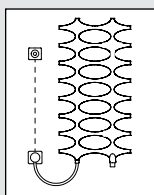
- Radiator with valve for additional electric operation
- Unique elementary construction, 2- or 3-row
- Covered connection situation
- Fixing not visible from the front
- 50 mm connection backwards (centre connection for 3-row version)
- Anti-corrosion coating available. For technical description, see page 231



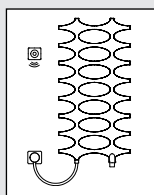
## Scope of delivery

- Including thermostatic sensor head and screw connections
- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Electrical set WKS, WFS, or WRX. For technical description, see page 31

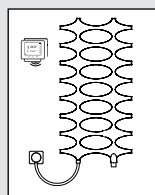
## Versions



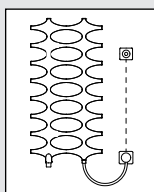
Electrical set WKS on the left  
Version C white  
Version titanium



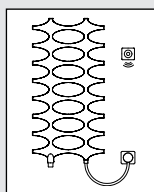
Electrical set WFS on the left  
Version E white  
Version titanium



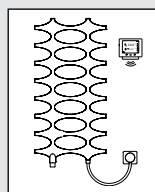
Electrical set WRX on the left  
Version T white/white  
Version white/black, black/black



Electrical set WKS on the right  
Version D white  
Version titanium

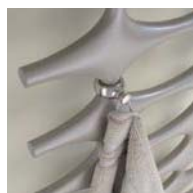


Electrical set WFS on the right  
Version F white  
Version titanium



Electrical set WRX on the right  
Version S white/white  
Version white/black, black/black

## Accessories



Extensive quality features far in excess of the standard.



## Price information – Additional electric operation



### Prices and heat output

Painted radiator									EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts			Product code	Radiator in standard colour, white (RAL 9016), incl.		Radiator according to Kermi colour concept incl.				
				E-set	75/65-20 °C	90/70-24 °C		70/55-24 °C 55/45-24 °C	WKS in white	WFS in white	WRX in white/white	WKS in white	WFS in white	WRX in white/white
1151	508	37	1.2174	400	383	436	275 171	IDV11120050 . . XK	1421.00	1544.00	1679.00	1707.00	1830.00	1965.00
1151	758	37	1.2125	600	564	641	406 252	IDV11120075 . . XK	1682.00	1803.00	1938.00	2031.00	2152.00	2287.00
1526	508	37	1.2122	600	524	596	377 235	IDV11150050 . . XK	1595.00	1716.00	1851.00	1922.00	2043.00	2178.00
1526	758	37	1.2184	800	772	878	555 344	IDV11150075 . . XK	1942.00	2062.00	2197.00	2354.00	2474.00	2609.00
1901	508	37	1.2361	600	630	718	451 278	IDV11190050 . . XK	1766.00	1887.00	2022.00	2136.00	2257.00	2392.00
1901	758	37	1.2328	800	963	1097	690 425	IDV11190075 . . XK	2200.00	2320.00	2455.00	2677.00	2797.00	2932.00

- Electrical set (WKS, WFS) in titanium: + EUR **62.00**
- Anti-corrosion coating (RAL 9016): **on request**
- Anti-corrosion coating (colour): **on request**
- Special solutions: **on request**

When ordering, please state: colour, version. See page 257.

#### Ordering example 1:

Ideos-V 1526x758 mm in white (RAL 9016),  
electrical set WFS on the right in white

**Product code: IDV11150075 2 F XK**

#### Ordering example 2:

Ideos-V 1526x758 mm in circonsilver Metallic,  
electrical set WFS on the right in titanium

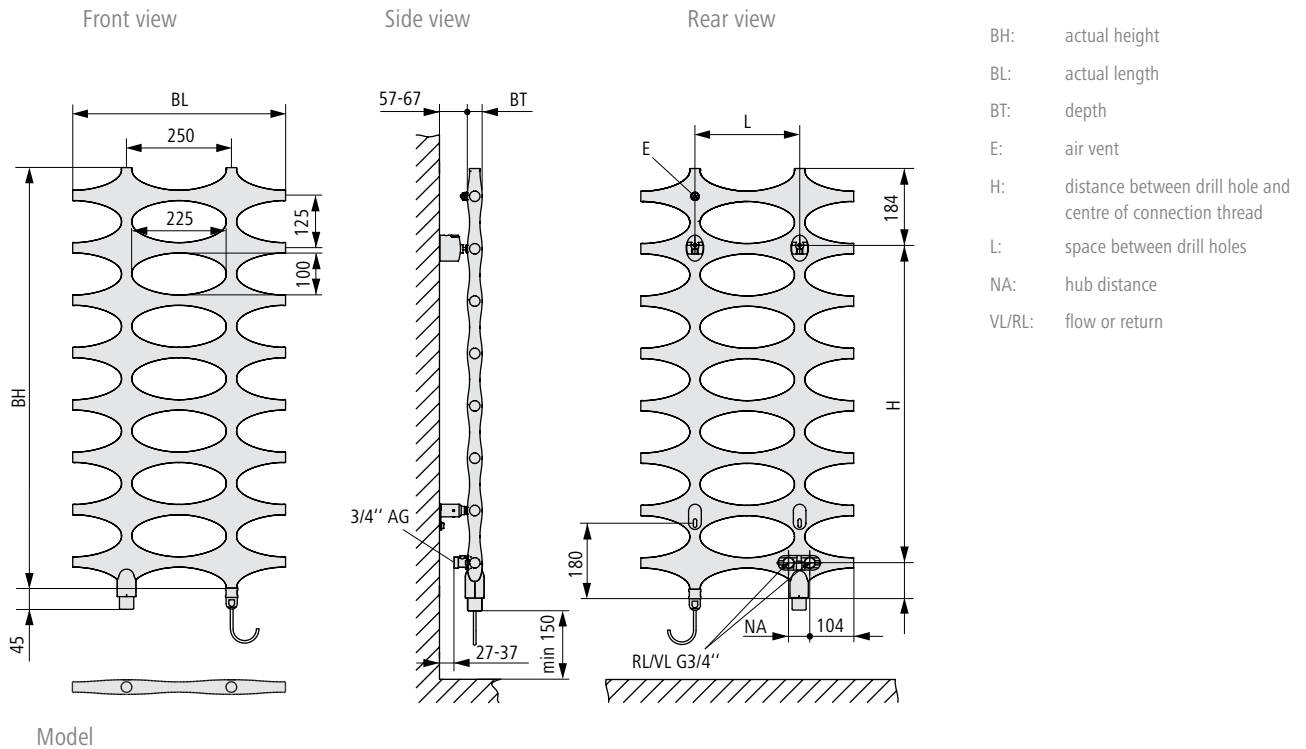
**Product code: IDV11150075 Radiator colour circonsilver Metallic,  
electrical set WFS on the right in titanium**

**Price:** Radiator with WFS in white 2474.00 EUR + surcharge for electrical set in titanium 62.00 EUR = complete price 2536.00 EUR

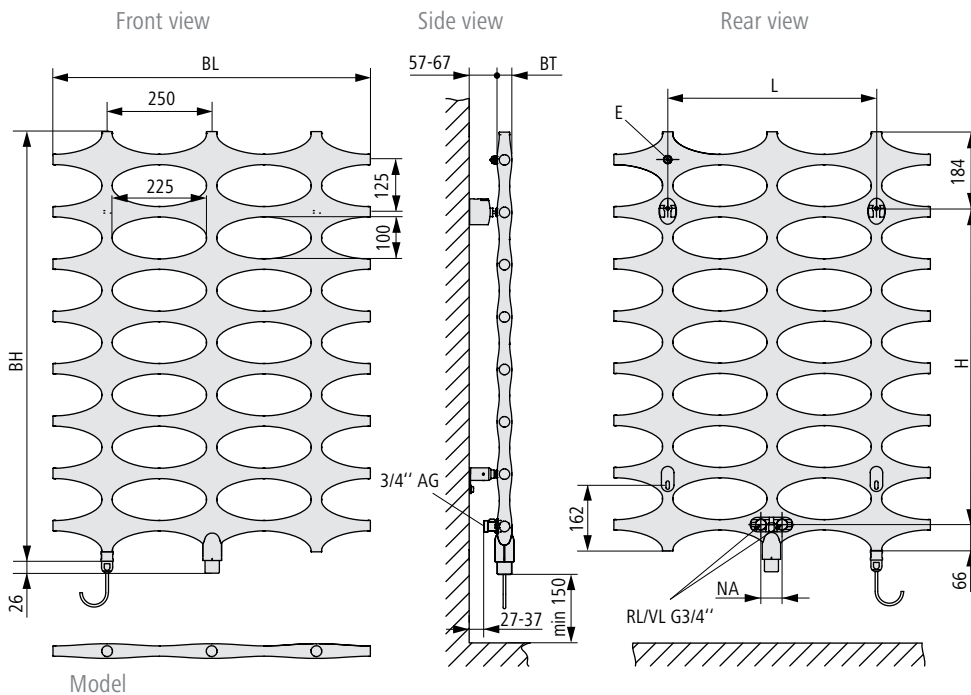
# Ideos®-V additional electric operation

## Technical information – Additional electric operation

### Ideos-V dimensions for additional electric operation – length 508



### Ideos-V dimensions with additional electric operation – length 758



Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA mm	H mm	L mm	Weight kg	Water content l
1151	508	37	50	883	250	7,60	5,50
1151	758	37	50	883	500	11,30	8,10
1526	508	37	50	1258	250	10,20	7,10
1526	758	37	50	1258	500	14,90	10,90
1901	508	37	50	1633	250	12,50	9,10
1901	758	37	50	1633	500	18,60	13,60



For characteristic equation,  
see page 250.

- Connections: 2 x G 3/4" external thread, backwards, hub distance 50 mm, pipes from wall only.  
Flow on the left standard, flow on the right possible by changing the flow direction in the valve fitting.  
Not suitable for one-pipe system.
- Air vent: G 1/4" backwards, on the right
- Operating pressure: max. 6 bar
- Test pressure: 7.8 bar
- Operating conditions: Hot water up to 80 °C.  
The electric heating rod is connected via the wall outlet to 230 V 50 Hz AC using a flush-mounted box.

# Ideos®-E



## Product benefits

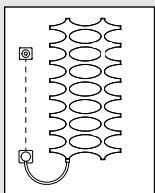
- Radiator for all-electric operation
- Unique elementary construction, 2- or 3-row
- Fixing not visible from the front
- Anti-corrosion coating available. For technical description, see page 231



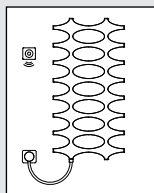
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Filled with non-combustible, non-toxic heat transfer fluid. Frostproof to approx. -15 °C. Electric heating rod pre-installed, including electronic control and control element (electrical set WKS, WFS, or WRX)
- Electrical set WKS, WFS, or WRX. For technical description, see page 31

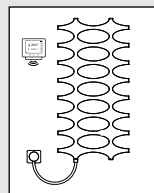
## Versions



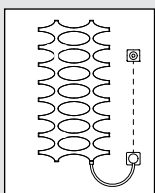
Electrical set WKS on the left  
Version C white  
Version titanium



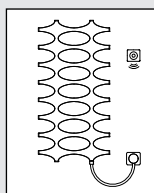
Electrical set WFS on the left  
Version E white  
Version titanium



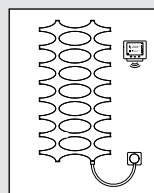
Electrical set WRX on the left  
Version T white  
Version white/white



Electrical set WKS on the right  
Version D white  
Version titanium

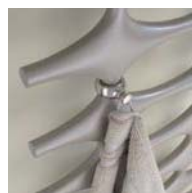


Electrical set WFS on the right  
Version F white  
Version titanium



Electrical set WRX on the right  
Version S white/white  
Version white/black, black/black

## Accessories



Extensive quality features  
far in excess of the standard.

## Price information – All-electric operation



### Prices and heat output

Painted radiator					EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Heat output in watts	Product code	Price 1	Price 2	Price 3	Price 4	Price 5	Price 6
			E-set *		Radiator in standard colour, white (RAL 9016), incl.			Radiator according to Kermi colour concept incl.		
					WKS in white	WFS in white	WRX in white/white	WKS in white	WFS in white	WRX in white/white
1151	508	37	400	IDE10120050 .. XK	1266.00	1389.00	1524.00	1493.00	1616.00	1751.00
1151	758	37	600	IDE10120075 .. XK	1526.00	1647.00	1782.00	1816.00	1937.00	2072.00
1526	508	37	600	IDE10150050 .. XK	1441.00	1562.00	1697.00	1710.00	1831.00	1966.00
1526	758	37	800	IDE10150075 .. XK	1790.00	1910.00	2045.00	2144.00	2264.00	2399.00
1901	508	37	600	IDE10190050 .. XK	1612.00	1733.00	1868.00	1924.00	2045.00	2180.00
1901	758	37	800	IDE10190075 .. XK	2043.00	2163.00	2298.00	2460.00	2580.00	2715.00

- Electrical set (WKS, WFS) in titanium: + EUR **62.00**
- Anti-corrosion coating (RAL 9016): **on request**
- Anti-corrosion coating (colour): **on request**

When ordering, please state: colour, version. See page 257.

#### Ordering example 1:

Ideos-E 1526 x 758 mm in white (RAL 9016),  
electrical set WKS on the right in white

**Product code: IDE10150075 2 D XK**

#### Ordering example 2:

Ideos-E 1526 x 758 mm in circonsilver Metallic,  
electrical set WKS on the right in titanium

**Product code: IDE10150075 Radiator colour circonsilver Metallic,  
electrical set WKS on the right in titanium**

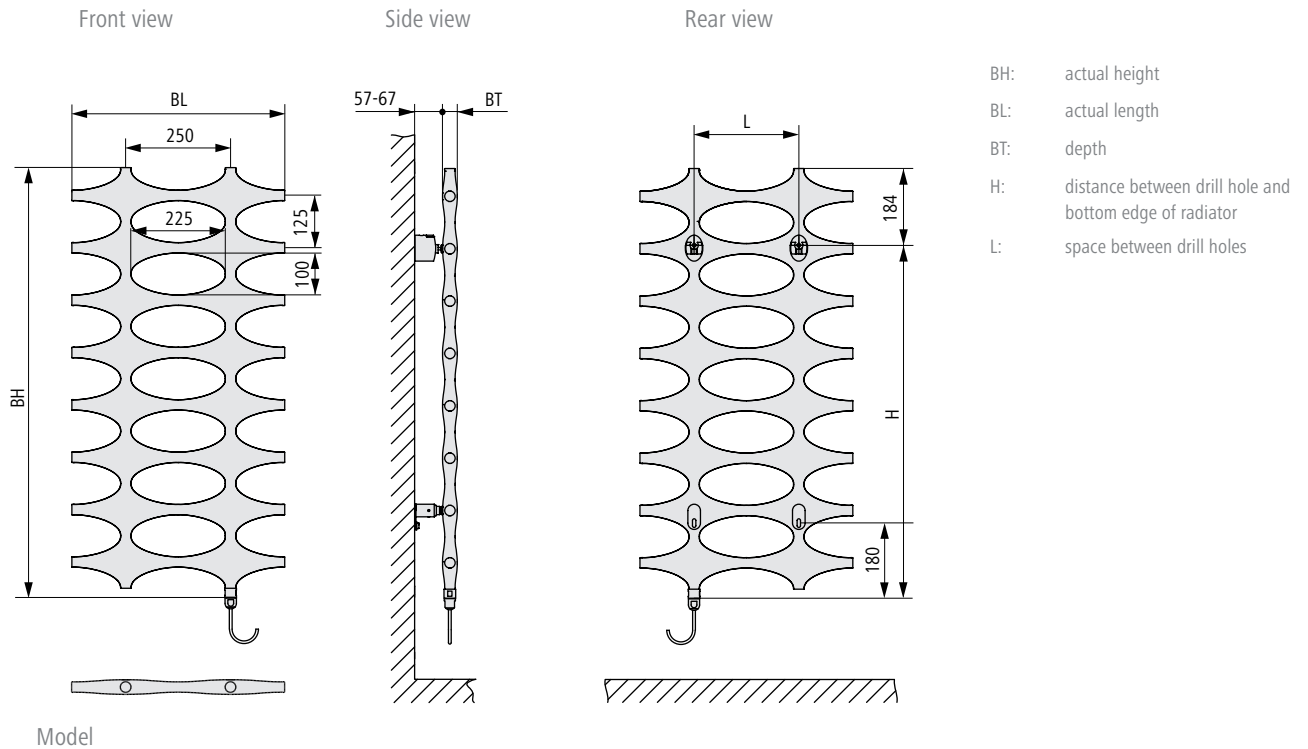
**Price:** Radiator with WKS in white 2144.00 EUR + surcharge for  
electrical set in titanium 62.00 EUR = complete price 2206.00 EUR



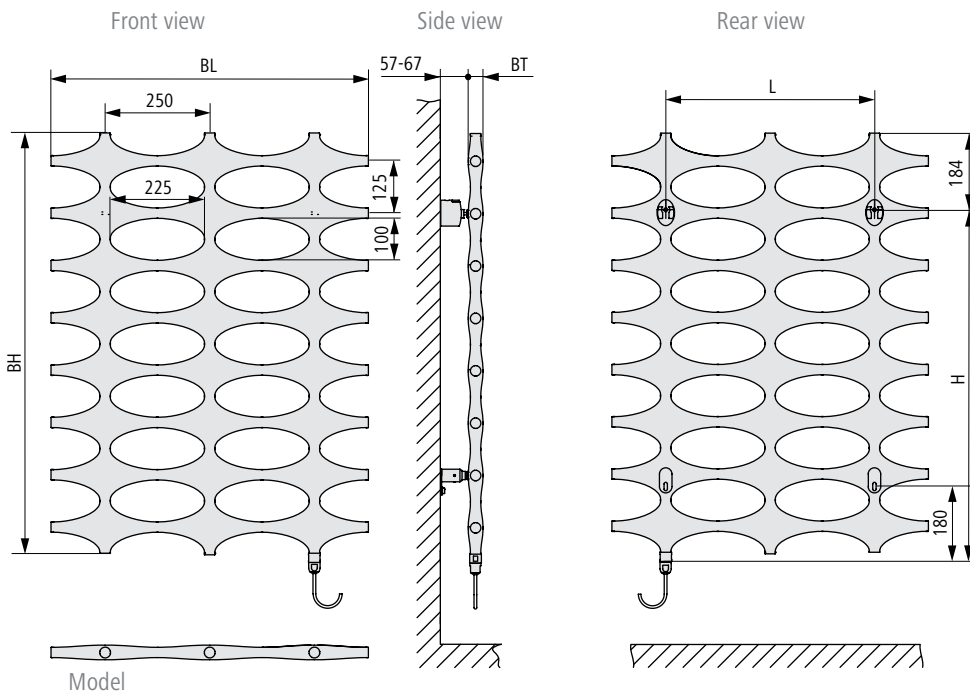
\* Please note: The specified power of the heating rod refers to the maximum electric power consumption. It should not be compared to the standard heat output of a radiator according to EN 442. An automatic control prevents overheating of the radiator during electric heating operation. Therefore, the maximum electrical power consumption is not constantly available for conversion into heat output. At normal room temperatures, the resulting heat output of the radiator is approx. 75% of the stated maximum electrical power consumption of the heating rod.

## Technical information – All-electric operation

### Ideos-E dimensions – length 508



### Ideos-E dimensions – length 758



The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	H mm	L mm	Weight kg
1151	508	37	967	250	13,30
1151	758	37	967	500	19,70
1526	508	37	1342	250	17,60
1526	758	37	1342	500	26,00
1901	508	37	1717	250	21,90
1901	758	37	1717	500	32,30

**Please note:**

VDE 0100 part 701 must be observed during installation!  
For division into protected areas, see page 230. During installation, a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on site.

- **Connections:** The electric heating rod is pre-installed at the bottom of the radiator.  
Installation of the wall elements on a empty socket or wall mounting with anchors.  
Protection type IPX4.

- **Test pressure:** 7.8 bar
- **Operating conditions:** The Ideos-E model is operated as an all-electric radiator.  
The electric heating rod is connected via the wall outlet to 230 V 50 Hz AC.

**Electrical set WKS**



Electrical set WKS, white



Electrical set WKS, titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

**Controller functions:**

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

**Electrical set WFS**



Electrical set WFS, white



Electrical set WFS, titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

**Controller functions:**

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

**Electrical set WRX**



Electrical set WRX white/white



Electrical set WRX black/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to programme and control various functions.

**Controller functions:**

- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly programme (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30-120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection









Electrical set WRX black/white


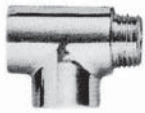




# Ideos<sup>®</sup>, Ideos<sup>®</sup>-V, Ideos<sup>®</sup>-E

## Accessories

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Towel hook</b>					
	Additional depth with towel hook installed + 22 mm.				
	Surface chrome-plated	ZC0080 0001	1	piece	74.10 / piece
<b>Towel rail</b>					
	Length 516 mm. Suitable for length of 758 mm. Additional depth with towel rail installed + 111 mm.				
	Surface chrome-plated	ZC0081 0001	1	piece	180.35 / piece
<b>Towel ring</b>					
	Length 266 mm. Suitable for length of 508 mm, 758 mm. Additional depth with towel ring installed + 144 mm.				
	Surface chrome-plated	ZC0082 0001	1	piece	180.35 / piece
<b>Angle valve</b>					
	<b>Surface chrome-plated</b>				
	<b>Angle valve for left connection.</b>				
	DN 15 1/2" (thermostatic sensor head on the right), M30 x 1.5	ZV0030 0003	1	piece	152.38 / piece
	<b>Angle valve for right connection.</b>				
	DN 15 1/2" (thermostatic sensor head on the left), M30 x 1.5	ZV0030 0004	1	piece	152.38 / piece
<b>Angled return fitting</b>					
	<b>Surface chrome-plated</b>				
	DN 15 1/2"	ZV0018 0002	1	piece	118.84 / piece

## Spare parts

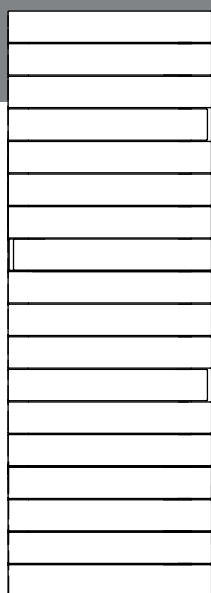
Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	<p><b>Set comprising:</b>            2 anchors Ø 10,            2 Allen screws,            2 radiator supports,            2 wall brackets,            2 safety bolts,            2 wall bracket covers,            2 anchors Ø 10,            2 screws,            2 wall supports,            1 air vent plug.</p>				
Suitable for requirement classes I and II.	Visible parts white	ZB0342 0001	1	piece	61.03 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0342*	1	piece	76.29 / piece
<b>T-piece</b>					
	<p>For Ideos with additional electric operation.             For connecting the electric heating rod in heating flow or return.</p>				
	Chrome-plated	ZT0056 0001	1	piece	24.39 / piece
<b>Thermostatic sensor head</b>					
					
	Chrome	ZV0038 0001	1	piece	29.70 / piece
<b>Air vent plug</b>					
	<p>Ø 1/4"</p> <p><b>Set comprising 10 pieces.</b></p>				
		ZT0054 0001	10	piece	4.05 / piece

Experience beauty and  
comfort combined as one

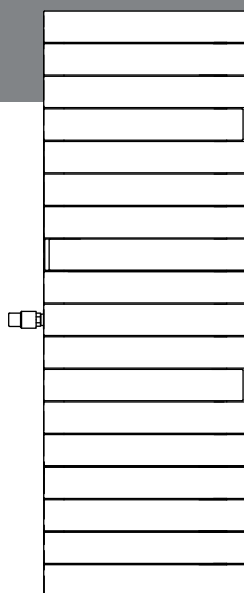


# Tabeo®

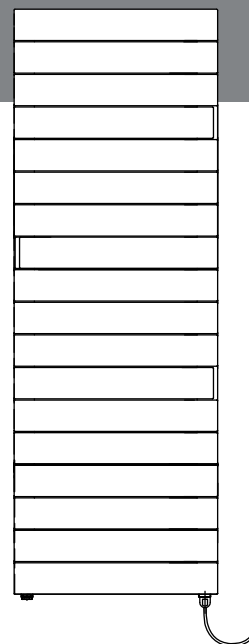
- Standard version with visible connections; optionally with side connection or 50 mm centre connection
- Tabeo-V with integrated valve fitting and covered 50 mm centre connection
- Tabeo-V with thermostatic sensor head at user-friendly height
- Depending on the height, two or three towel rails to make it easy to hang your towels
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- Version with additional electric operation
- Tabeo-E for all-electric operation



Tabeo  
Compact radiator  
page 36



Tabeo-V  
Radiator with valve  
page 40



Tabeo-E  
All-electric radiator  
page 44



## x-link plus connection fitting



For prices and description of x-link plus, see page 234



## Product benefits

- Compact radiator for hot water operation
- Depending on the height, two or three towel rails to make it easy to hang your towels
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- Fixing not visible from the front
- 50 mm centre connection or connections on the side downwards, hub distance depends on length
- Additional electric operation possible, heating rod can be retrofitted
- Anti-corrosion coating available. For technical description, see page 231



## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour



Extensive quality features far in excess of the standard.

## Pricing information – Hot water operation

Painted radiator									EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
1197	500	101	1.2419	600	646	737 804	461 284	TBN10120050 . MXK	967.00	1209.00
1197	600	101	1.2466	800	747	852 931	533 327	TBN10120060 . MXK	1027.00	1284.00
1437	500	101	1.2479	800	758	865 945	541 331	TBN10150050 . MXK	1058.00	1323.00
1437	600	101	1.2441	800	876	999 1091	625 384	TBN10150060 . MXK	1180.00	1475.00
1437	750	101	1.2380	1200	1047	1194 1302	749 461	TBN10150075 . MXK	1270.00	1588.00
1757	500	101	1.2536	800	917	1047 1144	653 399	TBN10180050 . MXK	1307.00	1634.00
1757	600	101	1.2441	1200	1060	1209 1320	757 465	TBN10180060 . MXK	1391.00	1739.00
1757	750	101	1.2385	1500	1266	1443 1575	905 557	TBN10180075 . MXK	1511.00	1889.00

- Anti-corrosion coating (RAL 9016): **+ 40 % on price 1**
- Anti-corrosion coating (colour): **on request**
- Special solutions: **on request**

### Ordering example 1:

Tabeo 1437 x 600 mm in white (RAL 9016)

**Product code: TBN10150060 2 MXK**

### Ordering example 2:

Tabeo 1437 x 600 mm in circonsilver Metallic

**Product code: TBN10150060 Radiator colour circonsilver Metallic**

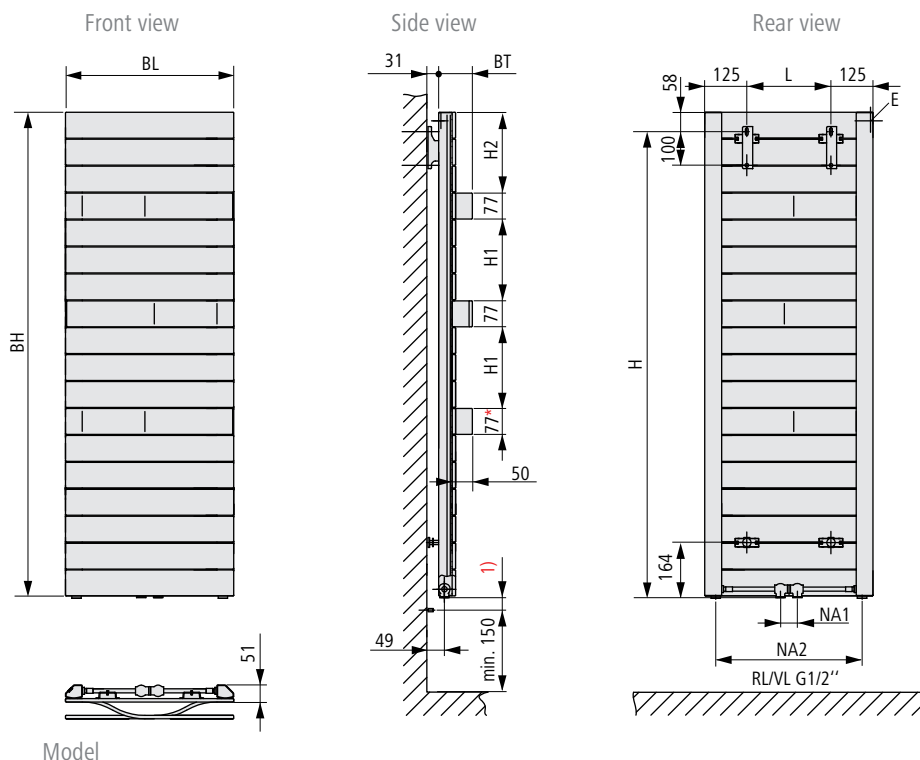
**When ordering, please state: colour.**  
See page 257.



For additional electric operation, please order the appropriate electrical set for Tabeo on page 39

## Technical information – Hot water operation

### Tabeo dimensions



\* Please note: For BH 1197 mm, the third towel rail is not available

- BH: actual height
- BL: actual length
- BT: depth
- E: air vent
- H: distance between upper fixing point and bottom edge of centre connecting sleeves
- H1: pipe block at top
- H2: pipe block
- L: space between drill holes
- NA1/NA2: hub distance
- VL/RL: flow or return
- 1) suitable screw fittings

Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA1 mm	NA2 mm	H mm	H1 mm	H2 mm	L mm	Weight kg	Water content l
1197	500	101	50	435	1144	243	240	250	23,6	6,4
1197	600	101	50	535	1144	243	240	350	27,0	7,3
1437	500	101	50	435	1384	243	240	250	29,4	7,6
1437	600	101	50	535	1384	243	240	350	34,2	8,4
1437	750	101	50	685	1384	243	240	500	41,3	9,6
1757	500	101	50	435	1704	243	240	250	34,3	9,6
1757	600	101	50	535	1704	243	240	350	39,8	10,4
1757	750	101	50	685	1704	243	240	500	48,2	11,7



For characteristic equation, see page 250.

- Connections: 2 x G 1/2" at centre downwards, hub distance 50 mm, flow available on the left or right. Additionally 2 x G 1/2" on the side downwards, hub distance depends on length, flow available on the left or right. Suitable for one-pipe system.
- Air vent: G 1/4" backwards, at top left
- Operating pressure: max. 4.0 bar
- Test pressure: 5.2 bar

- Operating conditions: Hot water up to 110 °C.  
Additional electric operation possible (max. flow temperature 80 °C). Electrical set can be retrofitted with centre connection. With side connection, the electrical set cannot be retrofitted, as the required T-piece will change the connection position.



## Information – Additional electric operation

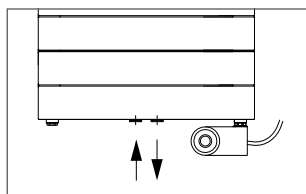
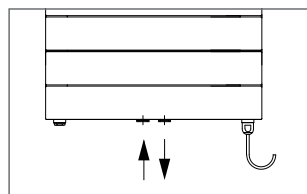


### Prices and electrical set wattage rating (additional electric operation)

Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	600 watts / AC 230 V	1 piece	ZE0103 0004	<b>286.00</b>	ZE0103 0081	<b>408.00</b>
	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
	1500 watts / AC 230 V	1 piece	ZE0103 0007	<b>306.00</b>	ZE0103 0084	<b>428.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
	1500 watts / AC 230 V	1 piece	ZE0100 0007	<b>306.00</b>	ZE0100 0042	<b>368.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
	1500 watts / AC 230 V	1 piece	ZE0101 0007	<b>428.00</b>	ZE0101 0042	<b>490.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>
	1500 watts / AC 230 V	1 piece	ZE0315 0007	ZE0315 0014	ZE0315 0021	<b>562.00</b>

For additional electric operation, please order the appropriate electrical set for Tabeo. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 37. For technical description, see page 47.

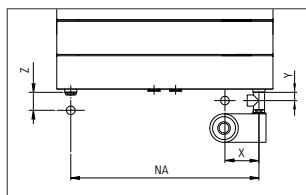
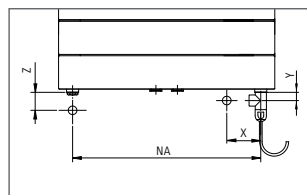
### Tabeo connection with additional electric operation



Connection of flow and return via 50 mm centre connection: installation of an electric heating rod in the left or right manifold pipe possible without any restriction.

#### Please note:

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator.



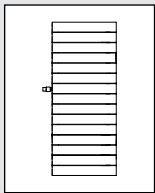
For the installation of an electric heating rod in the heating flow or return, a T-piece is mandatory (connections 2 x G 1/2" internal thread, 1 x G 1/2" external thread). This changes the position of the pipes in relation to the radiator horizontally (dimension X) and vertically (dimension Y) – depending on the angle valve and T-piece used. When the T-piece ZT00560001 is used, Y = 19 mm. When the angle valve available as an accessory is used (connection on the left: ZV00300003, connection on the right: ZV00300004), Z = 60 mm. For this reason, upgrade of an electric heating rod is not possible after the radiator has already been installed.



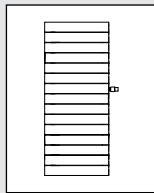
# Tabeo®-V



## Versions



Version **L**  
Thermostatic sensor head  
on the left side



Version **R**  
Thermostatic sensor head  
on the right side



## Product benefits

- Radiator with valve for hot water operation
- Depending on the height, two or three towel rails to make it easy to hang your towels
- Covered connection situation
- Thermostatic sensor head available on the side at user-friendly height optionally on the left or right.
- Fixing not visible from the front
- 50 mm centre connection downwards
- Additional electric operation possible, heating rod can be retrofitted
- Anti-corrosion coating available. For technical description, see page 231



## Scope of delivery

- Including thermostatic sensor head
- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour



Extensive quality features  
far in excess of the standard.

## Pricing information – Hot water operation

Painted radiator									EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
1197	500	101	1.2761	800	685	784 858	485 294	TBV10120050 .. XK	1270.00	1588.00
1197	600	101	1.2761	800	751	860 940	532 322	TBV10120060 .. XK	1330.00	1663.00
1437	500	101	1.2585	800	767	876 958	545 333	TBV10150050 .. XK	1359.00	1699.00
1437	600	101	1.2576	800	883	1009 1102	628 384	TBV10150060 .. XK	1480.00	1850.00
1437	750	101	1.2654	1200	1048	1198 1310	744 453	TBV10150075 .. XK	1573.00	1966.00
1757	500	101	1.2885	800	920	1055 1155	649 391	TBV10180050 .. XK	1609.00	2011.00
1757	600	101	1.2576	1200	1059	1210 1322	753 460	TBV10180060 .. XK	1693.00	2116.00
1757	750	101	1.2563	1500	1257	1436 1569	894 546	TBV10180075 .. XK	1813.00	2266.00

- Anti-corrosion coating (RAL 9016): **+ 40 %** on price 1
- Anti-corrosion coating (colour): **on request**
- Special solutions: **on request**

### Ordering example 1:

Tabeo-V 1437 x 600 mm in white (RAL 9016),  
thermostatic sensor head on the left side

**Product code: TBV10150060 2 L XK**

### Ordering example 2:

Tabeo-V 1437 x 600 mm in circonsilver Metallic,  
thermostatic sensor head on the left side

**Product code: TBV10150060 Radiator colour circonsilver Metallic,  
thermostatic sensor head on the left side**

**When ordering, please state: colour,  
version. See page 257.**

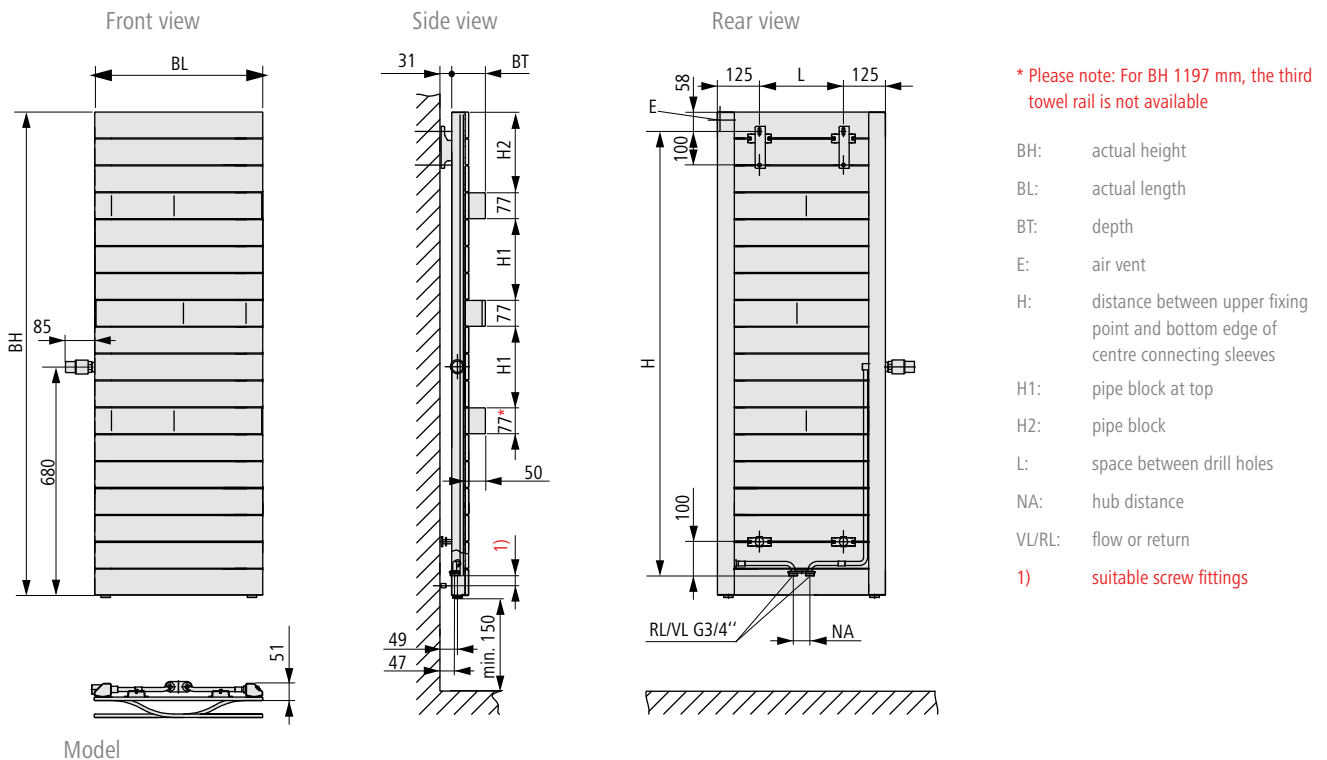


For additional electric operation,  
please order the appropriate  
electrical set for Tabeo-V on  
page 43

# Tabeo®-V

## Technical information – Hot water operation

### Tabeo-V dimensions



BH mm	BL mm	BT mm	NA mm	H mm	H1 mm	H2 mm	L mm	Weight kg	Water content l
1197	500	101	50	1080	243	240	250	24,2	5,8
1197	600	101	50	1080	243	240	350	27,9	6,4
1437	500	101	50	1320	243	240	250	30,1	8,9
1437	600	101	50	1320	243	240	350	34,8	8,8
1437	750	101	50	1320	243	240	500	42,0	8,6
1757	500	101	50	1640	243	240	250	35,4	9,4
1757	600	101	50	1640	243	240	350	41,0	10,4
1757	750	101	50	1640	243	240	500	49,6	11,9



For characteristic equation, see page 250.

- **Connections:** 2 x G 3/4" external thread, at centre downwards, hub distance 50 mm.  
Flow on the left on the left-hand version, flow right on the right-hand version.  
Suitable for one-pipe system.
- **Air vent:** G 1/4" backwards, opposite valve side
- **Operating pressure:** max. 4 bar
- **Test pressure:** 5.2 bar

- **Operating conditions:** Hot water up to 110 °C.

Additional electric operation possible on the side opposite the thermostatic sensor head (max. flow temperature 80 °C), electrical set may be retrofitted.

## Information – Additional electric operation

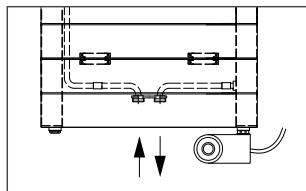
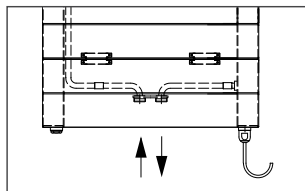


### Prices and electrical set wattage rating (additional electric operation)

Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	600 watts / AC 230 V	1 piece	ZE0103 0004	<b>286.00</b>	ZE0103 0081	<b>408.00</b>
	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
	1500 watts / AC 230 V	1 piece	ZE0103 0007	<b>306.00</b>	ZE0103 0084	<b>428.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
	1500 watts / AC 230 V	1 piece	ZE0100 0007	<b>306.00</b>	ZE0100 0042	<b>368.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
	1500 watts / AC 230 V	1 piece	ZE0101 0007	<b>428.00</b>	ZE0101 0042	<b>490.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>
	1500 watts / AC 230 V	1 piece	ZE0315 0007	ZE0315 0014	ZE0315 0021	<b>562.00</b>

For additional electric operation, please order the appropriate electrical set for Tabeo-V. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 41. For technical description, see page 47.

### Tabeo-V connection with additional electric operation



Can be installed in the isolating valve from below.  
The electrical set can also be retrofitted.

#### Please note:

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator. The radiator can only be removed after completely draining the heating system, as the heating rod projects through the isolating valve into the radiator.



# Tabeo®-E



## Product benefits

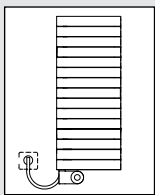
- Radiator for all-electric operation
- Depending on the height, two or three towel rails to make it easy to hang your towels.
- Fixing not visible from the front
- Anti-corrosion coating available. For technical description, see page 231



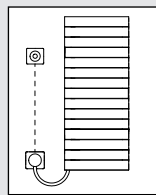
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Filled with non-combustible, non-toxic heat transfer fluid. Frostproof to approx. -15 °C. Electric heating rod pre-installed, including electronic control and control element (electrical set: FKS, WKS, WFS, or WRX).
- Electrical set FKS, WKS, WFS, or WRX. For technical description, see page 47

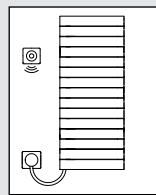
## Versions



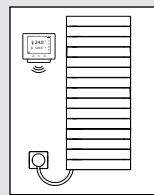
Electrical set FKS on the left  
Version **I** white  
Version chrome-silver



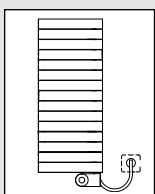
Electrical set WKS on the left  
Version **C** white  
Version titanium



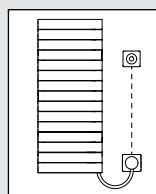
Electrical set WFS on the left  
Version **E** white  
Version titanium



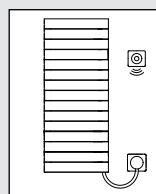
Electrical set WRX on the left  
Version **T** white/white  
Version white/black, black/black



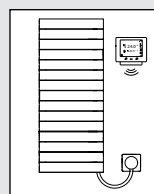
Electrical set FKS on the right  
Version **J** white  
Version chrome-silver



Electrical set WKS on the right  
Version **D** white  
Version titanium



Electrical set WFS on the right  
Version **F** white  
Version titanium



Electrical set WRX on the right  
Version **S** white/white  
Version white/black, black/black



Extensive quality features  
far in excess of the standard.

## Price information – All-electric operation

Painted radiator					EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Heat output in watts	Product code	Price 1	Price 2	Price 3	Price 4	Price 5	Price 6
			E-set *		Radiator in standard colour, white (RAL 9016), incl.			Radiator according to Kermi colour concept incl.		
					FKS/WKS in white	WFS in white	WRX in white/white	FKS/WKS in white	WFS in white	WRX in white/white
1197	500	101	600	TBE10120050 .. XK	1333.00	1454.00	1589.00	1575.00	1696.00	1831.00
1197	600	101	800	TBE10120060 .. XK	1401.00	1521.00	1656.00	1658.00	1778.00	1913.00
1437	500	101	800	TBE10150050 .. XK	1432.00	1552.00	1687.00	1697.00	1817.00	1952.00
1437	600	101	800	TBE10150060 .. XK	1554.00	1674.00	1809.00	1849.00	1969.00	2104.00
1437	750	101	1200	TBE10150075 .. XK	1650.00	1773.00	1906.00	1968.00	2091.00	2224.00
1757	500	101	800	TBE10180050 .. XK	1681.00	1801.00	1936.00	2008.00	2128.00	2263.00
1757	600	101	1200	TBE10180060 .. XK	1771.00	1894.00	2027.00	2119.00	2242.00	2375.00
1757	750	101	1500	TBE10180075 .. XK	1897.00	2019.00	2153.00	2275.00	2397.00	2531.00

- Electrical set FKS in chrome silver: + EUR **122.00**
- Electrical set (WKS, WFS, WRX) in titanium: + EUR **62.00**
- Anti-corrosion coating (RAL 9016): **on request**
- Anti-corrosion coating (colour): **on request**

When ordering, please state: colour, version. See page 257.

### Ordering example 1:

Tabeo-E 1437 x 600 mm in white (RAL 9016), electrical set WRX on the right in white /white

**Product code: TBE10150060 2 S XK**

### Ordering example 2:

Tabeo-E 1437 x 600 mm in circonsilver Metallic, electrical set WRX on the right in black/black

**Product code: TBE10150060 Radiator colour, circonsilver Metallic, electrical set WRX on the right in black/black**

**Price:** Radiator with WRX in white 2104.00 EUR no surcharge for electrical set WRX in black/black = complete price 2104.00 EUR



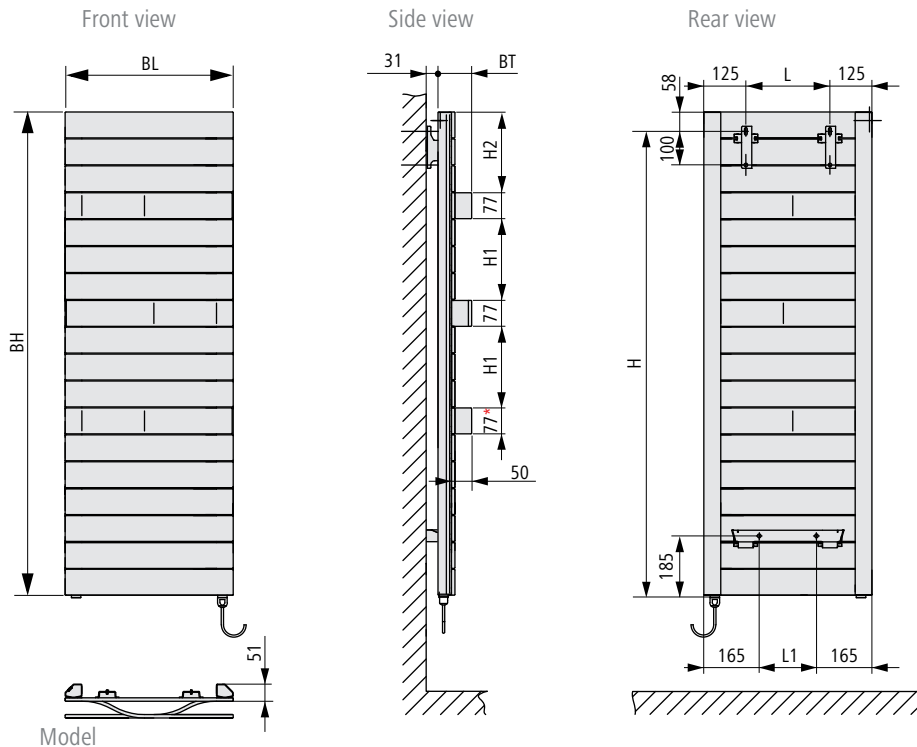
\* Please note: The specified power of the heating rod refers to the maximum electric power consumption. It should not be compared to the standard heat output of a radiator according to EN 442. An automatic control prevents overheating of the radiator during electric heating operation. Therefore, the maximum electrical power consumption is not constantly available for conversion into heat output. At normal room temperatures, the resulting heat output of the radiator is approx. 75 % of the stated maximum electrical power consumption of the heating rod.



# Tabeo®-E

## Technical information – All-electric operation

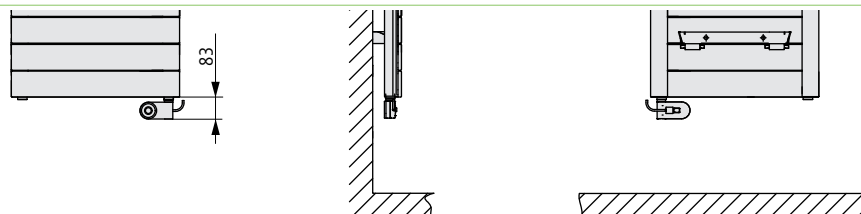
### Tabeo-E dimensions



\* Please note: For BH 1197 mm only two towel rails.

- BH: actual height
- BL: actual length
- BT: depth
- H: distance between upper fixing point and bottom edge of connecting sleeves
- H1: pipe block at top
- H2: pipe block
- L: drill hole spacing at upper fixing point
- L1: drill hole spacing at lower fixing point

### Electrical set FKS connection



The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	H mm	H1 mm	H2 mm	L mm	L1 mm	Weight kg
1197	500	101	1147	243	240	250	170	29,1
1197	600	101	1147	243	240	350	270	33,2
1437	500	101	1387	243	240	250	170	38,0
1437	600	101	1387	243	240	350	270	44,4
1437	750	101	1387	243	240	500	420	52,8
1757	500	101	1707	243	240	250	170	43,3
1757	600	101	1707	243	240	350	270	49,9
1757	750	101	1707	243	240	500	420	60,9

#### Please note:

VDE 0100 part 701 must be observed during installation! For division into protected areas, see page 230. During installation, a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on site.

- **Connections:** The electric heating rod is pre-installed at the bottom in the manifold pipe.  
Installation of the wall elements on an empty socket or wall mounting with anchors.  
Protection type IPX4.
- **Operating conditions:** The Tabeo-E model is operated as an all-electric radiator.  
The electric heating rod is connected via the wall outlet or plug to 230 V 50 Hz AC.
- **Test pressure:** 5.2 bar

### Electrical set FKS



Electrical set FKS, white



Electrical set FKS, chrome silver

The FKS version consists of an electronically regulated heating rod incl. controller (protection type IPX4) that is installed on the radiator. Length of cable on heating rod: approx. 1.2 m. The controller can be modified to be installed either on the right or left side of the radiator. Version with plug for direct connection to a socket. The controller is available in white and chrome silver.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function during commissioning possible
- "Open window" detection

### Electrical set WKS



Electrical set WKS, white



Electrical set WKS, titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

### Electrical set WFS



Electrical set WFS, white



Electrical set WFS, titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

### Electrical set WRX



Electrical set WRX white/white



Electrical set WRX black/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to programme and control various functions.

#### Controller functions:

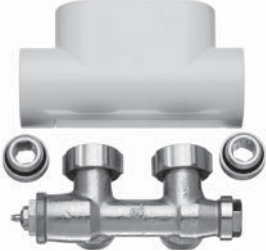
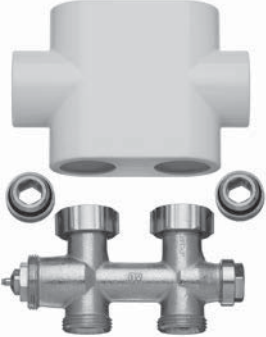
- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly programme (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30 - 120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection







Electrical set WRX black/white

# Tabeo<sup>®</sup>, Tabeo<sup>®</sup>-V, Tabeo<sup>®</sup>-E

## Accessories

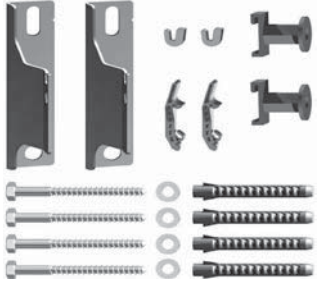
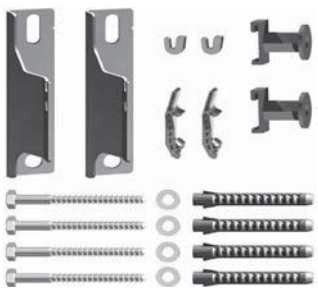
Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Valve shut-off block set, angled</b>					
	<p>For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4".</p> <p>Connections to the pipe system 3/4" euro taper (external thread).</p> <p>Connection for thermostatic sensor head M30 x 1.5.</p> <p>Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection).</p> <p>By setting the bypass spindle also suitable for one-pipe system!</p> <p>The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p> <p><b>Set comprising:</b></p> <p>1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve,</p> <p>1 decorative cover,</p> <p>2 pipe reducing nipples.</p> <p><b>Attention: Note the flow direction in the radiator.</b></p>				
	Cover white	ZV0041 0001	1	piece	73.95 / piece
	Cover chrome	ZV0041 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0041 0003	1	piece	123.05 / piece
<b>Valve shut-off block, straight</b>					
	<p>For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4".</p> <p>Connections to the pipe system 3/4" euro taper (external thread).</p> <p>Connection for thermostatic sensor head M30 x 1.5.</p> <p>Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection).</p> <p>By setting the bypass spindle also suitable for one-pipe system!</p> <p>The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p> <p><b>Set comprising:</b></p> <p>1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve,</p> <p>1 decorative cover,</p> <p>2 pipe reducing nipples.</p> <p><b>Attention: Note the flow direction in the radiator.</b></p>				
	Cover white	ZV0040 0001	1	piece	73.95 / piece
	Cover chrome	ZV0040 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0040 0003	1	piece	123.05 / piece

## Accessories




Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Thermostatic sensor head</b>					
	White	ZV0038 0003	1	piece	25.12 / piece
	Stainless steel appearance	ZV0038 0002	1	piece	38.30 / piece
<b>T-piece</b>					
	For Tabeo. For connecting the electric heating rod in heating flow or return.				
	Chrome-plated	ZT0056 0001	1	piece	24.39 / piece
<b>Angle valve</b>					
	<b>Surface chrome-plated</b>				
	<b>Angle valve for left connection.</b> DN 15 1/2" (thermostatic sensor head on the right), M30 x 1.5	ZV0030 0003	1	piece	152.38 / piece
	<b>Angle valve for right connection.</b> DN 15 1/2" (thermostatic sensor head on the left), M30 x 1.5	ZV0030 0004	1	piece	152.38 / piece
<b>Angled return fitting</b>					
	<b>Surface chrome-plated</b>				
	DN 15 1/2"	ZV0018 0002	1	piece	118.84 / piece

# Tabeo<sup>®</sup>, Tabeo<sup>®</sup>-V, Tabeo<sup>®</sup>-E

## Spare parts

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	For Tabeo. <b>Set comprising:</b> 2 wall brackets short, 4 screws, 4 washers, 4 wall anchors, 2 sound insulation clips, 2 dehinging safety devices for wall bracket, 2 nuts for spacers, 2 spacers.				
Suitable for requirement classes I and II.	Visible parts white	ZB0359 0001	1	piece	68.35 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0359*	1	piece	85.44 / piece
<b>Fixing set</b>					
	For Tabeo-E. <b>Set comprising:</b> 2 wall brackets short, 4 screws, 4 washers, 4 wall anchors, 2 sound insulation clips, 2 dehinging safety devices for wall bracket, 2 nuts for spacers, 2 spacers, 1 shift/pull restraint.				
Suitable for requirement classes I and II.	<b>Suitable for length 500 mm</b>				
	Visible parts white	ZB0360 0001	1	piece	167.22 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0360*	1	piece	209.03 / piece
	<b>Suitable for length 600 mm</b>				
	Visible parts white	ZB0371 0001	1	piece	172.10 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0371*	1	piece	215.13 / piece
	<b>Suitable for length 750 mm</b>				
Visible parts white	ZB0372 0001	1	piece	180.64 / piece	
* Please state colour when ordering:					
Visible parts in colour	ZB0372*	1	piece	225.80 / piece	

## Spare parts

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Shift / pull restraint</b>					
	Additional installation hardware for connection situations differing from Appendix D in accordance with VDI 6036 (non-supporting pipes).				
	<b>Suitable for length 500 mm</b>				
	Visible parts white	ZK0095 0001	1	piece	118.40 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZK0095*	1	piece	148.00 / piece
	<b>Suitable for length 600 mm</b>				
	Visible parts white	ZK0096 0001	1	piece	123.29 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZK0096*	1	piece	154.11 / piece
	<b>Suitable for length 750 mm</b>				
	Visible parts white	ZK0097 0001	1	piece	131.83 / piece
	* Please state colour when ordering:				
Visible parts in colour	ZK0097*	1	piece	164.79 / piece	
<b>Thermostatic sensor head</b>					
					
	Chrome	ZV0038 0001	1	piece	29.70 / piece
<b>Air vent plug</b>					
	Ø 1/4"				
	Set comprising 10 pieces.				
		ZT0054 0001	10	piece	4.05 / piece

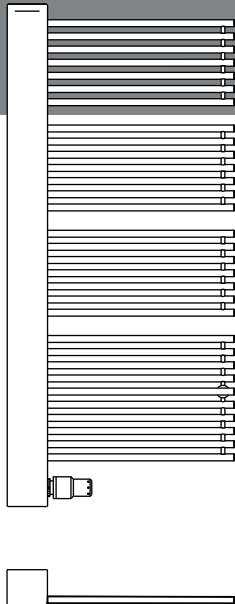
Simply pretty and  
pretty comfortable



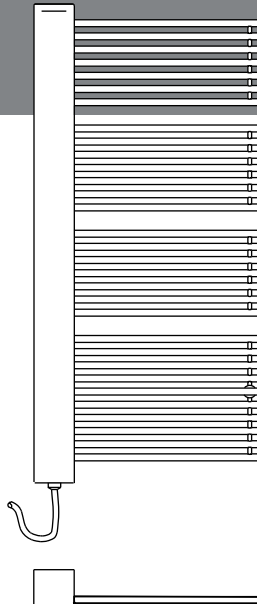


# Credo-Half<sup>®</sup>

- Right or left version available
- With covered 50 mm connection
- Including thermostatic sensor head and screw connection
- Version with additional electric heating
- Credo-Half-E for all-electric operation



Credo-Half  
Radiator with valve  
page 54



Credo-Half-E  
All-electric radiator  
page 58

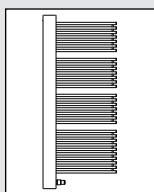
# Credo-Half®



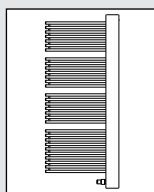
## Product benefits

- Radiator with valve for hot water operation
- Transverse pipes open on the side to make it easy to hang your towels for warming
- Covered connection situation
- Fixing not visible from the front
- 50 mm connection backwards
- Additional electric operation possible, heating rod can be retrofitted
- Right or left version available
- 2-colour version (cover in contrast to the radiator)
- Anti-corrosion coating available. For technical description, see page 231

## Versions



Version **L**  
Cover on the left



Version **R**  
Cover on the right



## Scope of delivery

- Including thermostatic sensor head and screw connections
- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

## Accessories



Extensive quality features  
far in excess of the standard.

## Pricing information – Hot water operation



### Prices and heat output

Painted radiator									EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts			Product code	Price 1	Price 2	
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C				70/55-24 °C 55/45-24 °C
1086	460	51	1.2294	400	432	492 537	310 191	CHV1A100045 . . . K	1027.00	1284.00
1466	460	51	1.2282	600	603	687 749	432 267	CHV1A140045 . . . K	1188.00	1485.00
1466	610	51	1.2334	800	796	907 989	570 351	CHV1A140060 . . . K	1231.00	1539.00
1884	460	51	1.2283	800	795	905 987	570 352	CHV1A180045 . . . K	1346.00	1683.00
1884	610	51	1.2311	1200	1051	1197 1306	753 465	CHV1A180060 . . . K	1392.00	1740.00

- Anti-corrosion coating (RAL 9016): **+ 40 %** on price 1
- Anti-corrosion coating (colour): **on request**
- Special solutions: **on request**

**When ordering, please state: colour, version, second colour. See page 257.**

#### Ordering example 1:

Credo-Half 1466 x 460 mm in white (RAL 9016), left-hand version, cover white (RAL 9016)

**Product code: CHV1A140045 2 L 2 K**

#### Ordering example 2:

Credo-Half 1466 x 460 mm in circonsilver Metallic, left-hand version, second colour (cover) white (RAL 9016)

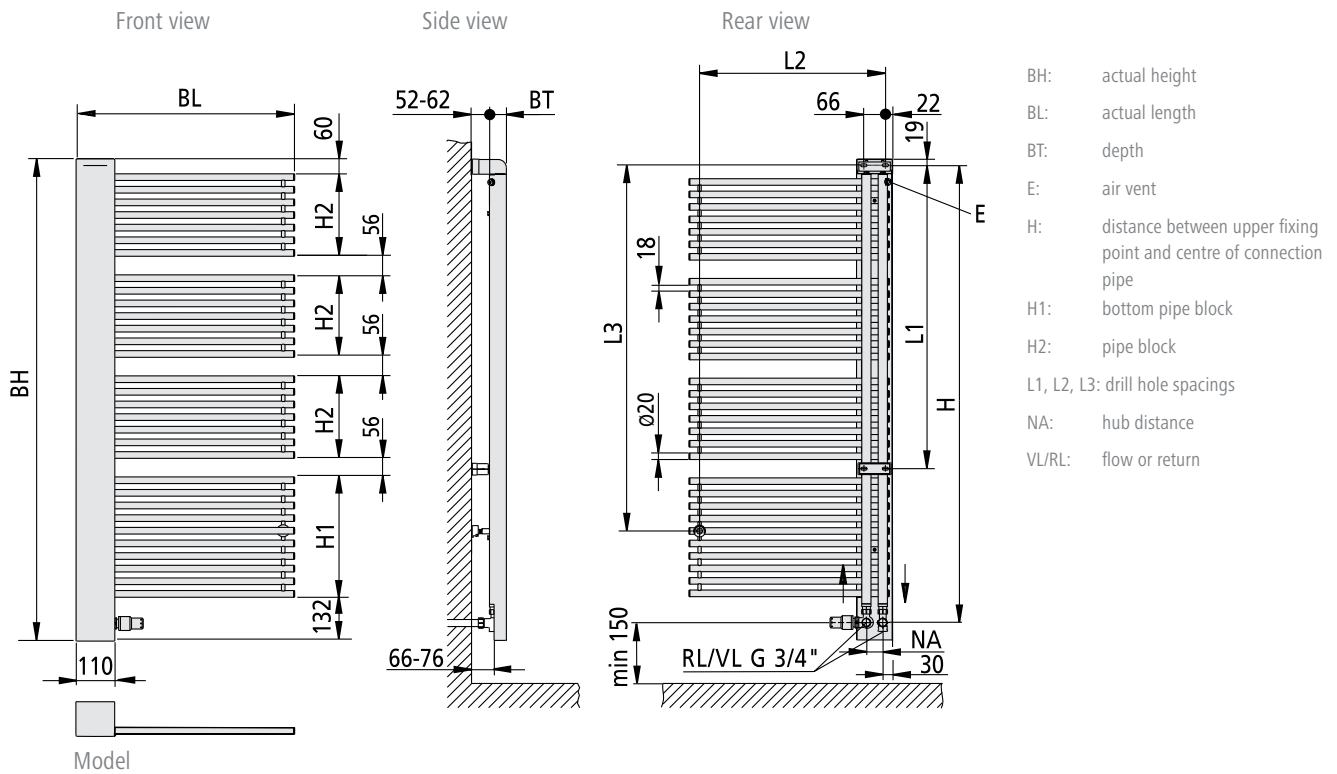
**Product code: CHV1A140045 Radiator colour circonsilver Metallic, left-hand version, second colour (cover) white (RAL 9016)**



For additional electric operation, please order the appropriate electrical set for the Credo-Half on page 57

## Technical information – Hot water operation

### Credo-Half dimensions



Distance from bottom edge of radiator to floor min. 150 mm.  
 The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA mm	H mm	H1 mm	H2 mm	L1 mm	L2 mm	L3 mm	Weight kg	Water content l
1086	460	51	50	1012	286	248	620	405,5	735	12,30	3,10
1466	460	51	50	1392	362	248	924	405,5	1114	17,00	4,40
1466	610	51	50	1392	362	248	924	555,5	1114	20,20	5,40
1884	460	51	50	1810	438	362	1266	405,5	1533	22,50	5,90
1884	610	51	50	1810	438	362	1266	555,5	1533	26,90	7,20






For characteristic equation, see page 250.

- Connections: 2 x G 3/4" external thread, backwards, hub distance 50 mm.  
 Pipes only from the wall.  
 Flow inside standard (at angled valve), flow outside (at the isolating valve) possible for pressure differentials up to approx. 200 mbar (noise may be generated at higher values).  
 Not suitable for one-pipe system.
- Air vent: G 1/4" backwards, in outer manifold pipe
- Drain: G 1/2" (internal thread) downwards
- Operating pressure: max. 10 bar
- Test pressure: 13 bar
- Operating conditions: Hot water up to 110 °C.  
 Additional electric operation possible (max. flow temperature 80 °C), electrical set can be retrofitted.

## Information – Additional electric operation

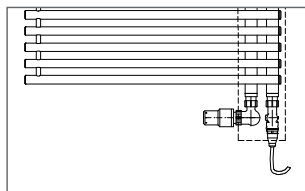


### Prices and electrical set wattage rating (additional electric operation)

Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0100 0001	<b>268.00</b>	ZE0100 0036	<b>330.00</b>
	300 watts / AC 230 V	1 piece	ZE0100 0002	<b>274.00</b>	ZE0100 0037	<b>336.00</b>
	400 watts / AC 230 V	1 piece	ZE0100 0003	<b>279.00</b>	ZE0100 0038	<b>341.00</b>
	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0101 0001	<b>390.00</b>	ZE0101 0036	<b>452.00</b>
	300 watts / AC 230 V	1 piece	ZE0101 0002	<b>397.00</b>	ZE0101 0037	<b>459.00</b>
	400 watts / AC 230 V	1 piece	ZE0101 0003	<b>402.00</b>	ZE0101 0038	<b>464.00</b>
	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	150 watts / AC 230 V	1 piece	ZE0315 0001	ZE0315 0008	ZE0315 0015	<b>526.00</b>
	300 watts / AC 230 V	1 piece	ZE0315 0002	ZE0315 0009	ZE0315 0016	<b>531.00</b>
	400 watts / AC 230 V	1 piece	ZE0315 0003	ZE0315 0010	ZE0315 0017	<b>537.00</b>
	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>

For additional electric operation, please order the appropriate electrical set for Credo-Half. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 55. For technical description, see page 61.

### Credo-Half connection with additional electric operation



Can be installed in the isolating valve from below.  
The electrical set can also be retrofitted.

#### Please note:

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator. The radiator can only be removed after completely draining the heating system, as the heating rod projects through the isolating valve into the radiator.



# Credo-Half<sup>®</sup>-E



## Product benefits

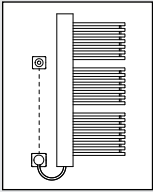
- Radiator for all-electric operation
- Transverse pipes open on the side to make it easy to hang your towels for warming
- Fixing not visible from the front
- Right or left version available
- 2-colour version (cover in contrast to the radiator)
- Anti-corrosion coating available. For technical description, see page 231



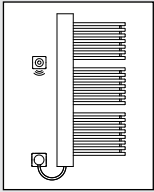
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Filled with non-combustible, non-toxic heat transfer fluid. Frostproof to approx. -15 °C. Electric heating rod pre-installed, including electronic control and control element (electrical set WKS, WFS, or WRX)
- Electrical set WKS, WFS, or WRX. For technical description, see page 61

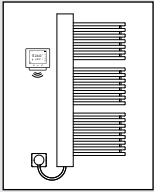
## Versions



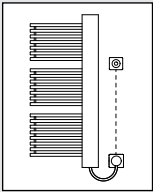
Electrical set WKS on the left  
Version C white  
Version titanium



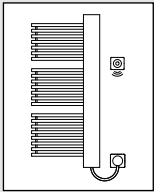
Electrical set WFS on the left  
Version E white  
Version titanium



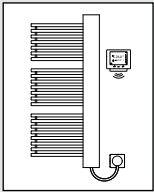
Electrical set WRX on the left  
Version T white/white  
Version white/black, black/black



Electrical set WKS on the right  
Version D white  
Version titanium



Electrical set WFS on the right  
Version F white  
Version titanium



Electrical set WRX on the right  
Version S white/white  
Version white/black, black/black

## Accessories



Extensive quality features far in excess of the standard.

## Price information – All-electric operation

Painted radiator					EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Heat output in watts	Product code	Price 1	Price 2	Price 3	Price 4	Price 5	Price 6
			E-set *		Radiator and cover in standard colour, white (RAL 9016) incl.			Radiator and/or cover according to Kermi colour concept incl.		
					WKS in white	WFS in white	WRX in white/white	WKS in white	WFS in white	WRX in white/white
1029	460	51	400	CHE1A100045... K	1386.00	1509.00	1644.00	1643.00	1766.00	1901.00
1409	460	51	600	CHE1A140045... K	1554.00	1675.00	1810.00	1851.00	1972.00	2107.00
1409	610	51	800	CHE1A140060... K	1605.00	1725.00	1860.00	1913.00	2033.00	2168.00
1827	460	51	800	CHE1A180045... K	1720.00	1840.00	1975.00	2057.00	2177.00	2312.00
1827	610	51	1200	CHE1A180060... K	1772.00	1895.00	2028.00	2120.00	2243.00	2376.00

- Electrical set (WKS, WFS) in titanium: + EUR **62.00**
- Anti-corrosion coating (RAL 9016): **on request**
- Anti-corrosion coating (colour): **on request**

When ordering, please state:  
**colour, version, second colour.**  
 See page 257.

### Ordering example 1:

Credo-Half-E 1827 x 610 mm in white (RAL 9016), version with electrical set WKS on the right in white, second colour (cover) white (RAL 9016)

**Product code:** CHE1A180060 2 D 2 K

### Ordering example 2:

Credo-Half-E 1827 x 610 mm in circonsilver Metallic, version with electrical set WKS on the right in titanium, second colour (cover) white (RAL 9016)

**Product code:** CHE1A180060 Radiator colour circonsilver Metallic,  
 version with electrical set WKS on the right in titanium,  
 second colour (panel) white (RAL 9016)

**Price:** Radiator with WKS in white 2120.00 EUR + surcharge for electrical set in titanium 62.00 EUR = complete price 2182.00 EUR

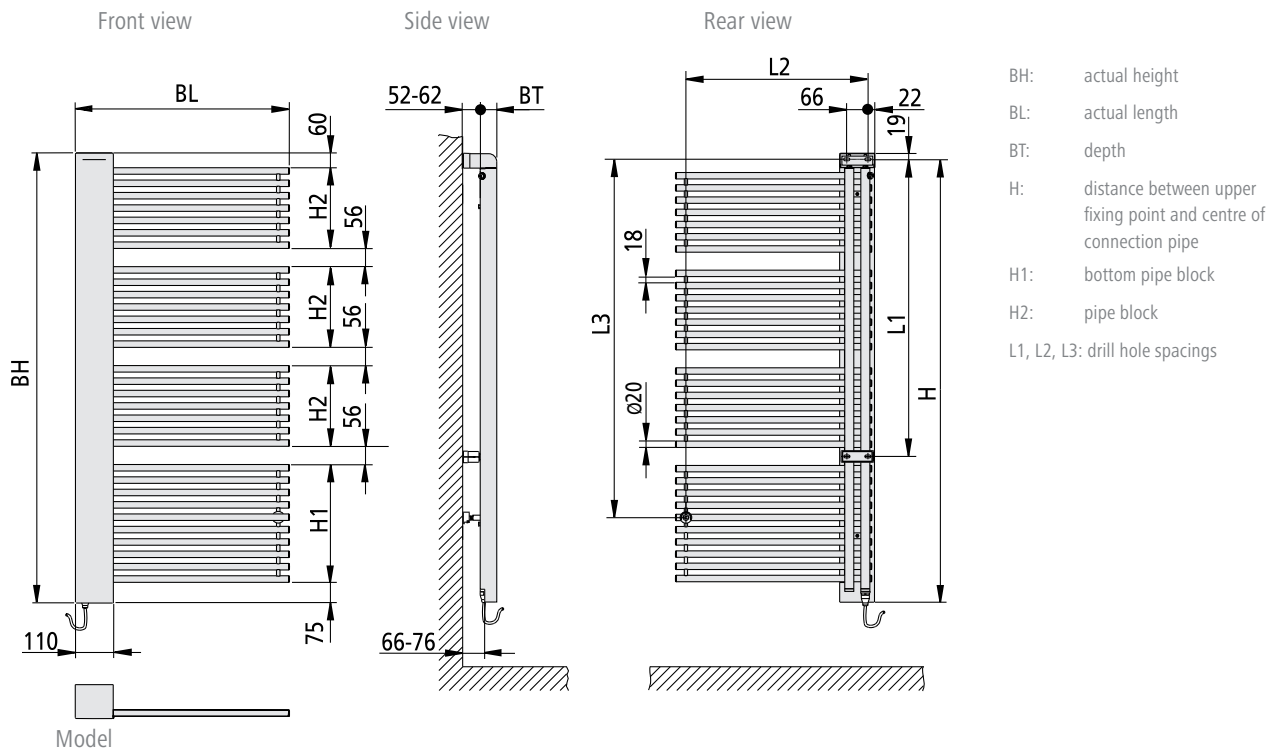


\* Please note: The specified power of the heating rod refers to the maximum electric power consumption. It should not be compared to the standard heat output of a radiator according to EN 442. An automatic control prevents overheating of the radiator during electric heating operation. Therefore, the maximum electrical power consumption is not constantly available for conversion into heat output. At normal room temperatures, the resulting heat output of the radiator is approx. 75 % of the stated maximum electrical power consumption of the heating rod.

# Credo-Half<sup>®</sup>-E

## Technical information – All-electric operation

### Credo-Half-E dimensions



The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	H mm	H1 mm	H2 mm	L1 mm	L2 mm	L3 mm	Weight kg
1029	460	51	1010	286	248	620	405,5	735	16,20
1409	460	51	1390	362	248	924	405,5	1114	22,20
1409	610	51	1390	362	248	924	555,5	1114	26,20
1827	460	51	1808	438	362	1266	405,5	1533	29,20
1827	610	51	1808	438	362	1266	555,5	1533	34,90

#### Please note:

VDE 0100 part 701 must be observed during installation! For division into protected areas, see page 230. During installation a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on site.

- Connections: The electric heating rod is pre-installed at the bottom in the manifold pipe.  
Installation of the wall elements on a empty socket or wall mounting with anchors.
- Test pressure: 13 bar
- Operating conditions: The Credo-Half-E model is operated as an all-electric radiator.  
The electric heating rod is connected via the wall outlet to 230 V 50 Hz AC.



### Electrical set WKS



Electrical set WKS, white



Electrical set WKS, titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

### Electrical set WFS



Electrical set WFS, white



Electrical set WFS, titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

### Electrical set WRX



Electrical set WRX  
white/white



Electrical set WRX  
black/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to programme and control various functions.

#### Controller functions:





- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly programme (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30 - 120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection



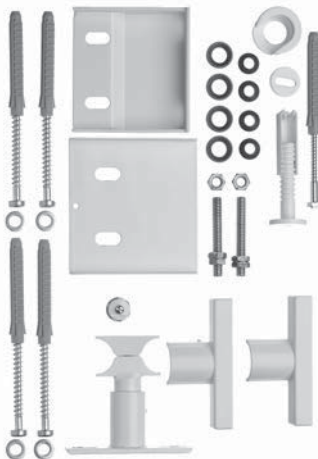


Electrical set WRX  
black/white

# Credo-Half<sup>®</sup>, Credo-Half<sup>®</sup>-E

## Accessories

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Towel hook</b>					
	Additional depth with towel hook installed + 38 mm.				
	Surface chrome-plated	ZC0071 0001	1	piece	63.78 / piece
<b>Cleaning brush</b>					
					
	Cleaning brush, three-piece	ZK0013 0002	1	piece	61.74 / piece
<b>Thermostatic sensor head</b>					
	White	ZV0038 0003	1	piece	25.12 / piece
	Stainless steel appearance	ZV0038 0002	1	piece	38.30 / piece

## Spare parts

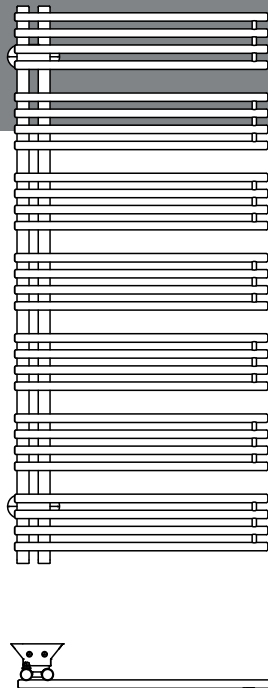
Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	<p><b>Set comprising:</b></p> <ul style="list-style-type: none"> <li>1 wall mounting plate,</li> <li>1 upper fixing point cover,</li> <li>4 screws Ø 6 x 80,</li> <li>4 anchors Ø 10,</li> <li>2 grub screws 6 x 60,</li> <li>6 hex nuts,</li> <li>4 bevel washers,</li> <li>4 conical seats,</li> <li>1 clamp fastener,</li> <li>1 wall connection piece,</li> <li>1 lower fixing point cover,</li> <li>1 fastener with elongated washer,</li> <li>1 wall spacer with snap-on pin,</li> <li>1 screw Ø 5 x 60,</li> <li>1 anchor Ø 8,</li> <li>1 air vent plug.</li> </ul>				
	Visible parts white	ZB0192 0001	1	piece	111.47 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0192*	1	piece	139.34 / piece
<b>Thermostatic sensor head</b>					
					
	Chrome	ZV0038 0001	1	piece	29.70 / piece
<b>Air vent plug</b>					
	<p>Ø 1/4"</p> <p><b>Set comprising 10 pieces.</b></p>				
		ZT0054 0001	10	piece	4.05 / piece

# Functionality meets comfort

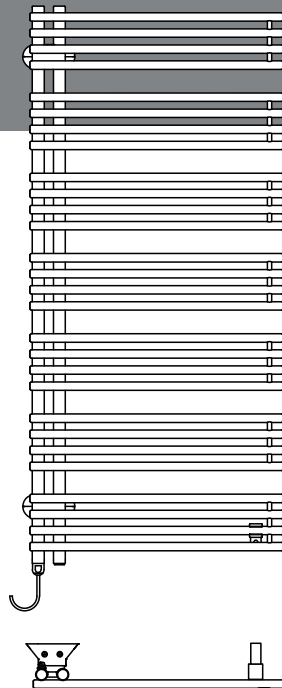


# Diveo<sup>®</sup>

- Left or right version available
- Version with side connection or 50 mm centre connection
- Version with additional electric heating
- Diveo-E for all-electric operation



Diveo  
Compact radiator  
page 66



Diveo-E  
All-electric radiator  
page 70



## Product benefits

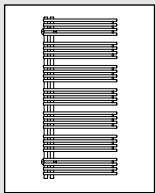
- Compact radiator for hot water operation
- Variety of connection options
- Transverse pipes open on the side to make it easy to hang your towels
- Right or left version available
- Anti-corrosion coating available. For technical description, see page 231



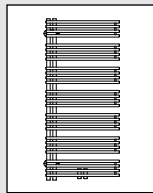
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

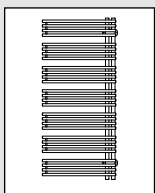
## Versions



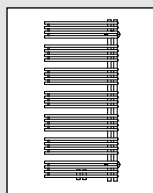
Version **L**  
Manifold pipe on left with side connection



Version **O**  
Manifold pipe on left with centre connection



Version **R**  
Manifold pipe on right with side connection



Version **W**  
Manifold pipe on right with centre connection

## Accessories



Extensive quality features far in excess of the standard.

## Pricing information – Hot water operation



### Prices and heat output (hot water operation)

Painted radiator									EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
940	450	46	1.2182	400	413	470 512	297 184	DVN1A100045 . . XK	772.00	965.00
1320	450	46	1.2043	600	567	644 701	409 255	DVN1A130045 . . XK	891.00	1114.00
1320	600	46	1.1780	800	738	836 908	536 338	DVN1A130060 . . XK	924.00	1155.00
1700	450	46	1.1961	800	734	833 906	531 332	DVN1A170045 . . XK	1010.00	1263.00
1700	600	46	1.1738	800	940	1064 1156	684 432	DVN1A170060 . . XK	1044.00	1305.00

- Anti-corrosion coating (RAL 9016): **+ 40 %** on price 1
- Anti-corrosion coating (colour): **on request**
- Special solutions: **on request**

When ordering, please state: colour, version. See page 257.

#### Ordering example 1:

Diveo 1320 x 600 mm in white (RAL 9016), right-hand version with centre connection

**Product code: DVN1A130060 2 W XK**

#### Ordering example 2:

Diveo 1320 x 600 mm in circonsilver Metallic, right-hand version with centre connection

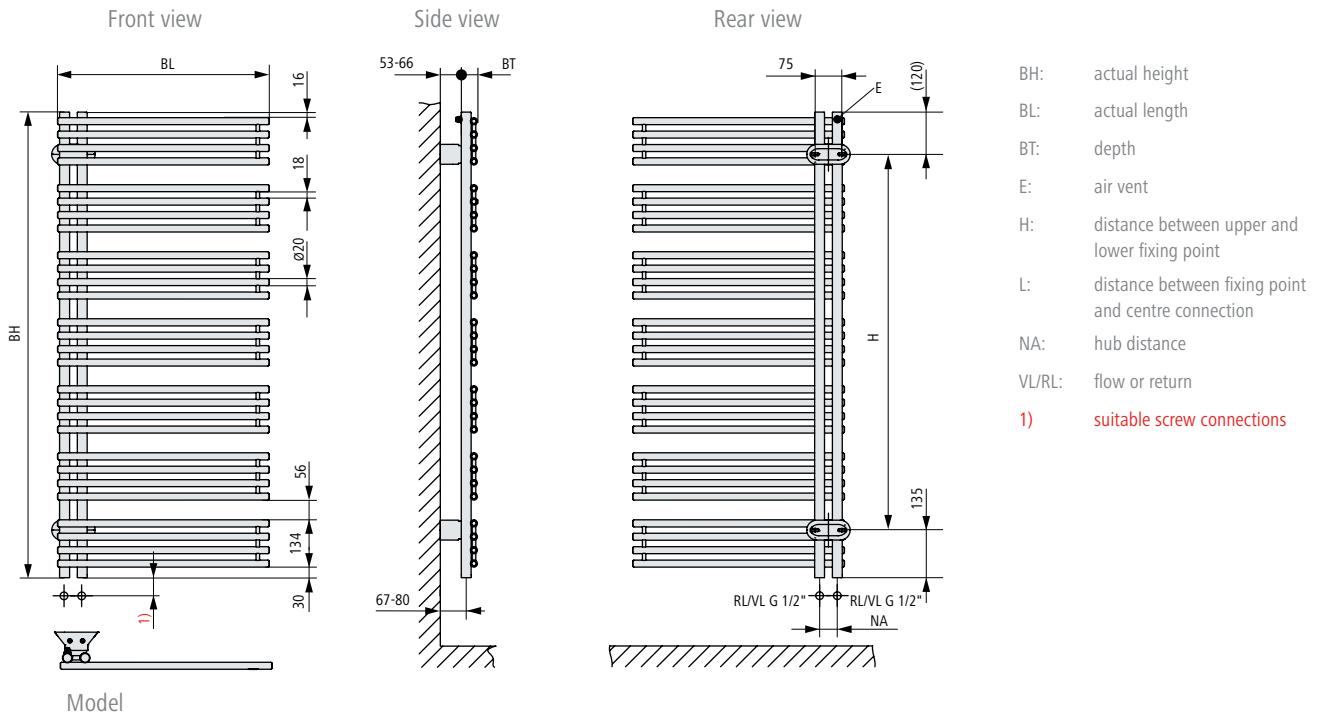
**Product code: DVN1A130060 Radiator colour circonsilver Metallic, right-hand version with centre connection**



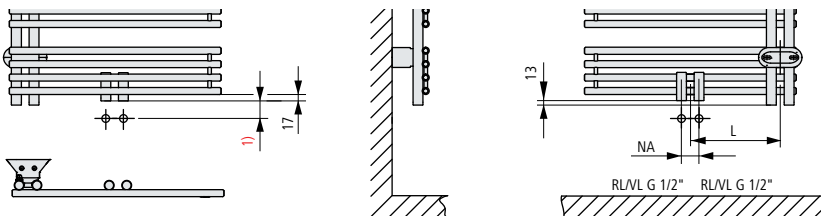
For additional electric operation, please order the appropriate electrical set for Diveo on page 69

## Technical information – Hot water operation

### Diveo dimensions



### Diveo with centre connection



Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA mm	H mm	L mm	Weight kg	Water content l
940	450	46	50	685	180	8,60	2,90
1320	450	46	50	1065	180	12,00	3,90
1320	600	46	50	1065	255	14,90	4,90
1700	450	46	50	1445	180	15,40	5,20
1700	600	46	50	1445	255	19,50	6,40



For characteristic equation, see page 250.

- Connections: 2 x G 1/2" internal thread, on the side downwards, hub distance 50 mm.  
With centre connection, 2 x G 1/2" internal thread in addition, at centre downwards.  
Flow on the left and on the right possible.  
Suitable for one-pipe system.
- Air vent: G 1/4", backwards, in outer manifold pipe

- Operating pressure: max. 10 bar
- Test pressure: 13 bar
- Operating conditions: Hot water up to 110 °C.  
Additional electric operation possible (max. flow temperature 80 °C).  
With centre connection: electric heating rod can be retrofitted.  
With side connection: electric heating rod cannot be retrofitted, as the required T-piece will change the connection position.



## Information – Additional electric operation

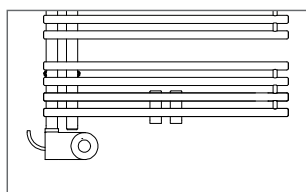
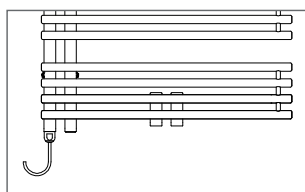


### Prices and electrical set wattage rating (additional electric operation)

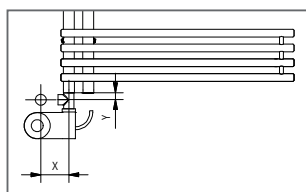
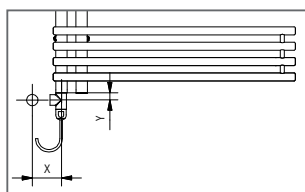
Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	150 watts / AC 230 V	1 piece	ZE0103 0001	<b>268.00</b>	ZE0103 0078	<b>390.00</b>
	300 watts / AC 230 V	1 piece	ZE0103 0002	<b>274.00</b>	ZE0103 0079	<b>396.00</b>
	400 watts / AC 230 V	1 piece	ZE0103 0003	<b>279.00</b>	ZE0103 0080	<b>401.00</b>
	600 watts / AC 230 V	1 piece	ZE0103 0004	<b>286.00</b>	ZE0103 0081	<b>408.00</b>
	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0100 0001	<b>268.00</b>	ZE0100 0036	<b>330.00</b>
	300 watts / AC 230 V	1 piece	ZE0100 0002	<b>274.00</b>	ZE0100 0037	<b>336.00</b>
	400 watts / AC 230 V	1 piece	ZE0100 0003	<b>279.00</b>	ZE0100 0038	<b>341.00</b>
	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0101 0001	<b>390.00</b>	ZE0101 0036	<b>452.00</b>
	300 watts / AC 230 V	1 piece	ZE0101 0002	<b>397.00</b>	ZE0101 0037	<b>459.00</b>
	400 watts / AC 230 V	1 piece	ZE0101 0003	<b>402.00</b>	ZE0101 0038	<b>464.00</b>
	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	150 watts / AC 230 V	1 piece	ZE0315 0001	ZE0315 0008	ZE0315 0015	<b>526.00</b>
	300 watts / AC 230 V	1 piece	ZE0315 0002	ZE0315 0009	ZE0315 0016	<b>531.00</b>
	400 watts / AC 230 V	1 piece	ZE0315 0003	ZE0315 0010	ZE0315 0017	<b>537.00</b>
	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>

For additional electric operation, please order the appropriate electrical set for Divero. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 67. For technical description, see page 73.

### Divero connection with additional electric operation



Connection of flow and return via 50 mm centre connection: installation of an electric heating rod in the left or right manifold pipe possible without any restriction.



For the installation of an electric heating rod in the heating flow or return, a T-piece is mandatory (connections 2 x G 1/2" internal thread, 1 x G 1/2" external thread). This changes the position of the pipes in relation to the radiator horizontally (dimension X) and vertically (dimension Y) – depending on the angle valve and T-piece used. When the T-piece ZT00560001 is used, Y = 19 mm. For this reason, upgrade of an electric heating rod is not possible after the radiator has already been installed.

#### Please note:

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator. Removal of the radiator is only possible after completely draining the heating system, as the heating rod projects through the isolating valve into the radiator.



# Diveo®-E



## Product benefits

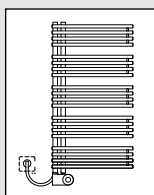
- Radiator for all-electric operation
- Transverse pipes open on the side to make it easy to hang your towels
- Right or left version available
- Anti-corrosion coating available. For technical description, see page 231



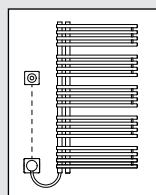
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Filled with non-combustible, non-toxic heat transfer fluid. Frostproof to approx. -15 °C. Electric heating rod pre-installed, including electronic control and control element (electrical set: FKS, WKS, WFS, or WRX).
- Electrical set FKS, WKS, WFS or WRX. For technical description, see page 73

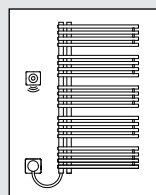
## Versions



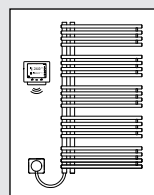
Electrical set FKS on the left  
Version **I** white  
Version chrome-silver



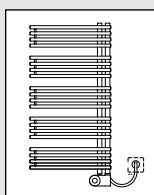
Electrical set WKS on the left  
Version **C** white  
Version titanium



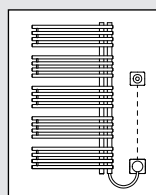
Electrical set WFS on the left  
Version **E** white  
Version titanium



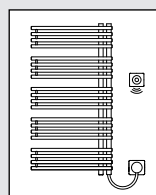
Electrical set WRX on the left  
Version **T** white/white  
Version white/black, black/black



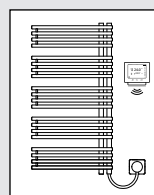
Electrical set FKS on the right  
Version **J** white  
Version chrome-silver



Electrical set WKS on the right  
Version **D** white  
Version titanium



Electrical set WFS on the right  
Version **F** white  
Version titanium



Electrical set WRX on the right  
Version **S** white/white  
Version white/black, black/black

## Accessories



Extensive quality features  
far in excess of the standard.

## Price information – All-electric operation

Painted radiator					EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Heat output in watts	Product code	Price 1	Price 2	Price 3	Price 4	Price 5	Price 6
			E-set *		Radiator in standard colour, white (RAL 9016), incl.			Radiator according to Kermi colour concept incl.		
					FKS/WKS in white	WFS in white	WRX in white/white	FKS/WKS in white	WFS in white	WRX in white/white
940	450	46	400	DVE1A100045 .. XK	1131.00	1254.00	1389.00	1324.00	1447.00	1582.00
1320	450	46	600	DVE1A130045 .. XK	1257.00	1378.00	1513.00	1480.00	1601.00	1736.00
1320	600	46	800	DVE1A130060 .. XK	1298.00	1418.00	1553.00	1529.00	1649.00	1784.00
1700	450	46	800	DVE1A170045 .. XK	1384.00	1504.00	1639.00	1637.00	1757.00	1892.00
1700	600	46	800	DVE1A170060 .. XK	1418.00	1538.00	1673.00	1679.00	1799.00	1934.00

- Electrical set FKS in chrome silver: + EUR **122.00**
- Electrical set (WKS, WFS) in titanium: + EUR **62.00**
- Anti-corrosion coating (RAL 9016): **on request**
- Anti-corrosion coating (colour): **on request**

When ordering, please state: colour, version. See page 257.

### Ordering example 1:

Diveo-E 1320x600 mm in white (RAL 9016),  
version with electrical set WFS on the right in white

**Product code: DVE1A130060 2 F XK**

### Ordering example 2:

Diveo-E 1320x600 mm in circonsilver Metallic,  
version with electrical set WFS on the right in titanium

**Product code: DVE1A130060 Radiator colour circonsilver Metallic,  
version with electrical set WFS on the right in titanium**

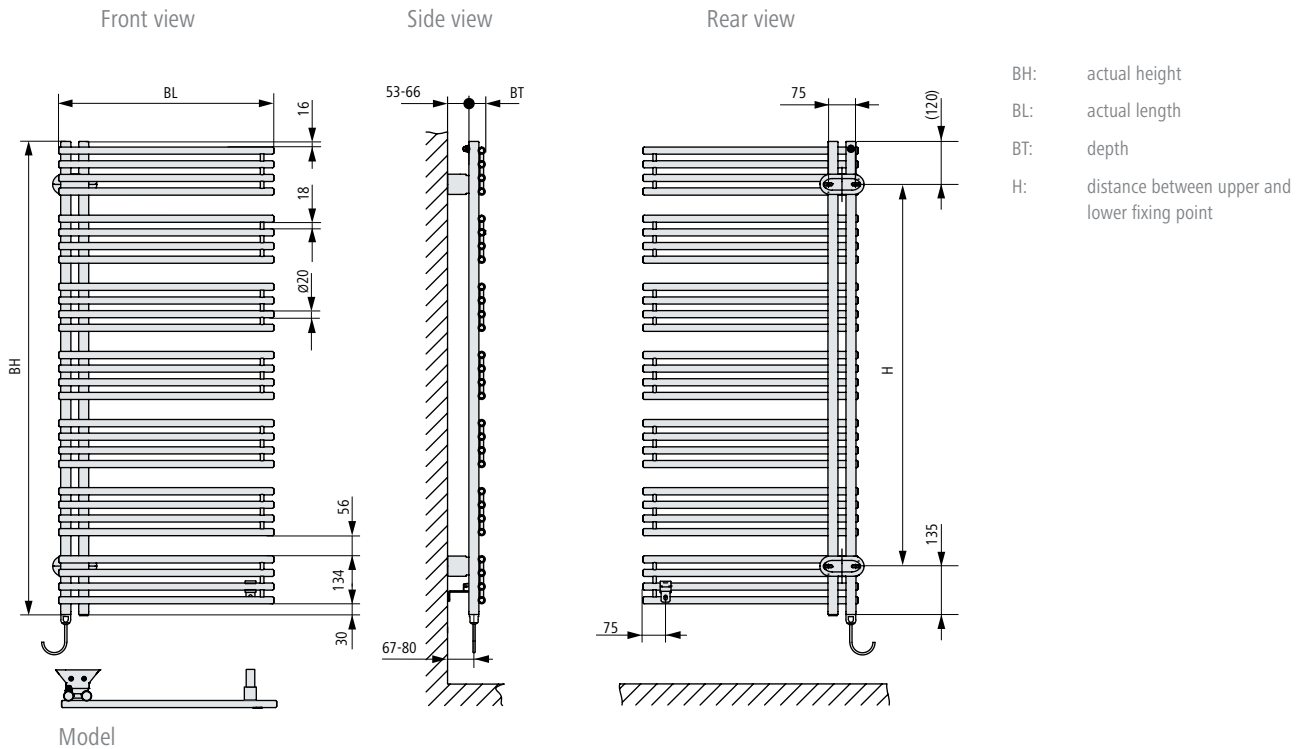
**Price:** Radiator with WFS in white 1649.00 EUR + surcharge for electrical set in titanium 62.00 EUR = complete price 1711.00 EUR



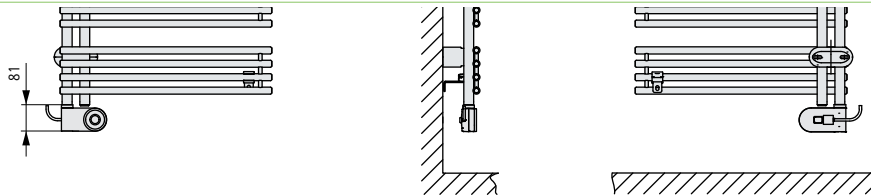
\* Please note: The specified power of the heating rod refers to the maximum electric power consumption. It should not be compared to the standard heat output of a radiator according to EN 442. An automatic control prevents overheating of the radiator during electric heating operation. Therefore, the maximum electrical power consumption is not constantly available for conversion into heat output. At normal room temperatures, the resulting heat output of the radiator is approx. 75 % of the stated maximum electrical power consumption of the heating rod.

## Technical information – All-electric operation

### Diveo-E dimensions



### Electrical set FKS connection



The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	H mm	Weight kg
940	450	46	685	11,70
1320	450	46	1065	16,00
1320	600	46	1065	20,00
1700	450	46	1445	20,70
1700	600	46	1445	26,00

#### Please note:

VDE 0100 part 701 must be observed during installation! For division into protected areas, see page 230. During installation, a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on site.

- Connections: The electric heating rod is pre-installed at the bottom in the manifold pipe. Installation of the wall elements on a empty socket or wall mounting with anchors.

- Test pressure: 13 bar

- Operating conditions: The Diveo-E model is operated as an all-electric radiator.

The electric heating rod is connected via the wall outlet to 230 V 50 Hz AC.

### Electrical set FKS



Electrical set FKS, white



Electrical set FKS, chrome silver

The FKS version consists of an electronically regulated heating rod incl. controller (protection type IPX4) that is installed on the radiator. Length of cable on heating rod: approx. 1.2 m. The controller can be modified to be installed either on the right or left side of the radiator. Version with plug for direct connection to a socket. The controller is available in white and chrome silver.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function during commissioning possible
- "Open window" detection

### Electrical set WKS



Electrical set WKS, white



Electrical set WKS, titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

### Electrical set WFS



Electrical set WFS, white



Electrical set WFS, titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

### Electrical set WRX



Electrical set WRX  
white/white



Electrical set WRX  
black/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to programme and control various functions.

#### Controller functions:


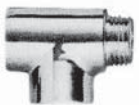
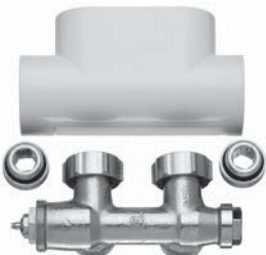
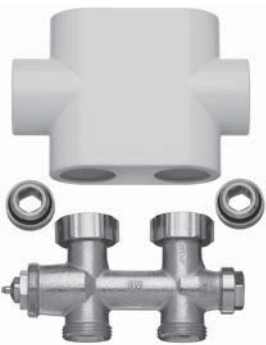
- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly programme (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30 - 120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection




Electrical set WRX  
black/white

# Diveo<sup>®</sup>, Diveo<sup>®</sup>-E

## Accessories

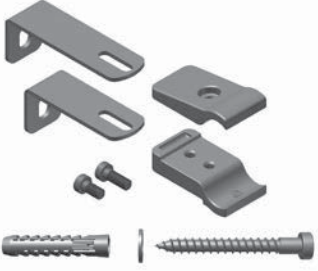
Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Towel hook</b>					
	Additional depth with towel hook installed + 38 mm.				
	Surface chrome-plated	ZC0071 0001	1	piece	63.78 / piece
<b>T-piece</b>					
	For Diveo. For connecting the electric heating rod in heating flow or return.				
	Chrome-plated	ZT0056 0001	1	piece	24.39 / piece
<b>Valve shut-off block set, angled</b>					
	For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4". Connections to the pipe system 3/4" euro taper (external thread). Connection for thermostatic sensor head M30 x 1.5. Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection). By setting the bypass spindle also suitable for one-pipe system! The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).				
	<b>Set comprising:</b> 1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve, 1 decorative cover, 2 pipe reducing nipples.				
	<b>Attention: Note the flow direction in the radiator.</b>				
	Cover white	ZV0041 0001	1	piece	73.95 / piece
	Cover chrome	ZV0041 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0041 0003	1	piece	123.05 / piece
<b>Valve shut-off block, straight</b>					
	For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4". Connections to the pipe system 3/4" euro taper (external thread). Connection for thermostatic sensor head M30 x 1.5. Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection). By setting the bypass spindle also suitable for one-pipe system! The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).				
	<b>Set comprising:</b> 1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve, 1 decorative cover, 2 pipe reducing nipples.				
	<b>Attention: Note the flow direction in the radiator.</b>				
	Cover white	ZV0040 0001	1	piece	73.95 / piece
	Cover chrome	ZV0040 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0040 0003	1	piece	123.05 / piece

## Accessories

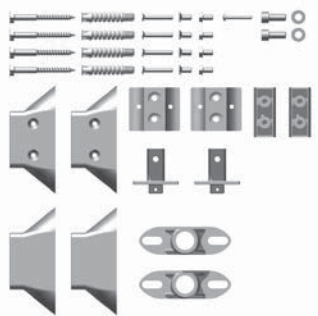
Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Cleaning brush</b>					
	Cleaning brush, three-piece	ZK0013 0002	1	piece	61.74 / piece
<b>Thermostatic sensor head</b>					
	White	ZV0038 0003	1	piece	25.12 / piece
	Chrome	ZV0038 0001	1	piece	29.70 / piece
	Stainless steel appearance	ZV0038 0002	1	piece	38.30 / piece
<b>Angle valve</b>					
<b>Surface chrome-plated</b>					
<b>Angle valve for left connection.</b>					
	DN 15 1/2" (thermostatic sensor head on the right), M30 x 1.5	ZV0030 0003	1	piece	152.38 / piece
<b>Angle valve for right connection.</b>					
	DN 15 1/2" (thermostatic sensor head on the left), M30 x 1.5	ZV0030 0004	1	piece	152.38 / piece
<b>Angled return fitting</b>					
<b>Surface chrome-plated</b>					
	DN 15 1/2"	ZV0018 0002	1	piece	118.84 / piece

# Diveo<sup>®</sup>, Diveo<sup>®</sup>-E

## Accessories

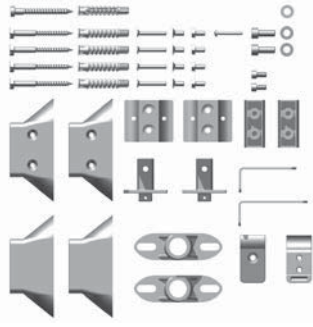

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Spacer</b>					
	For Diveo. Additional installation hardware for connection situations differing from Appendix D in accordance with VDI 6036 (non-supporting pipes).				
	Visible parts white	ZB0322 0001	1	piece	30.54 / piece
	Visible parts chrome	ZB0322 0002	1	piece	54.94 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0322*	1	piece	38.18 / piece

## Spare parts

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	For Diveo. <b>Set comprising:</b> 2 covers at top, 2 covers at bottom, 2 bracket blocks, 2 clamping components, 2 supports, 2 brackets, 4 screws Ø 7 x 70, 4 anchors Ø 10, 2 screws M8 x 20, 2 washers M8, 1 screw M4 x 30, 4 screws M6 x 14, 4 screws M6 x 12, 4 countersunk screws, 1 air vent plug.				
	Suitable for requirement classes I and II.				
	Visible parts white	ZB04040001	1	piece	94.23 / piece
	Visible parts chrome	ZB04040002	1	piece	174.55 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0404*	1	piece	117.79 / piece



## Spare parts

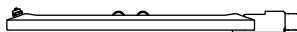
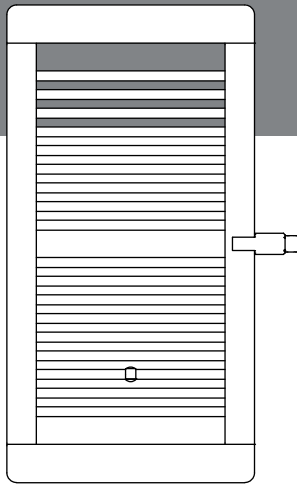
Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
 <p>Suitable for requirement classes I and II.</p>	<p>For Diveo-E.</p> <p><b>Set comprising:</b>            2 covers at top,            2 covers at bottom,            2 bracket blocks,            2 clamping components,            1 clamping jaw at top,            1 clamping jaw at bottom,            2 spacer brackets,            2 supports,            2 brackets,            4 screws Ø 7 x 70,            4 anchors Ø 10,            2 screws M8 x 20,            2 washers M8,            1 screw M4 x 30,            4 screws M6 x 14,            4 screws M6 x 12,            4 countersunk screws,            1 air vent plug.</p> <p>Spacer:            1 anchor Ø 10,            1 screw Ø 13 x 8,            1 washer M8,            1 screw M6 x 12,            1 screw M6 x 16.</p>				
	Visible parts white	ZB04050001	1	piece	101.78 / piece
	Visible parts chrome	ZB04050002	1	piece	180.90 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0405*	1	piece	127.23 / piece
<b>Air vent plug</b>					
	<p>Ø 1/4"</p> <p><b>Set comprising 10 pieces.</b></p>				
		ZT0054 0001	10	piece	4.05 / piece

# Clear structure, elegant shape

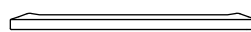
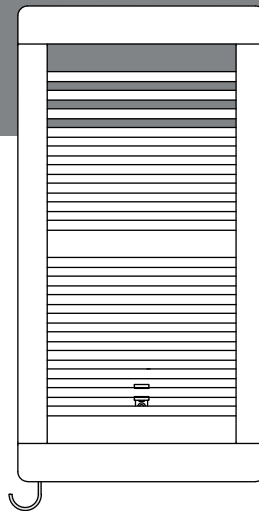


# Credo<sup>®</sup> plus

- Credo plus with integrated connection fitting and covered 50 mm centre connection
- Including thermostatic sensor head
- Thermostatic sensor head at user-friendly height
- Version with additional electric heating
- Credo plus-E for all-electric operation



Credo plus  
Radiator with integrated valve  
page 80



Credo plus-E  
All-electric radiator  
page 84

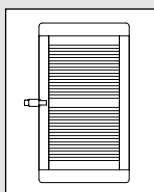
# Credo® plus



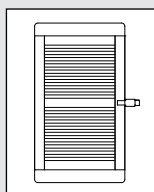
## Product benefits

- Radiator with integrated valve for hot water operation
- Connection situation completely covered
- Thermostatic sensor head available on the side at user-friendly height optionally on the left or right
- Easy installation, fixing not visible from the front
- 50 mm centre connection downwards
- Additional electric operation possible, heating rod can be retrofitted on return side
- Anti-corrosion coating available. For technical description, see page 231

## Versions



Version **L**  
Thermostatic sensor head on the left side



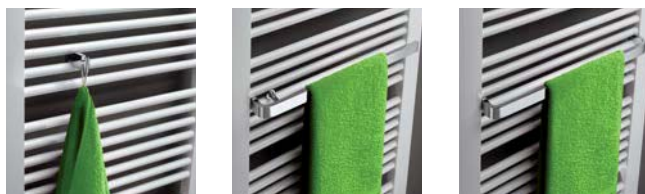
Version **R**  
Thermostatic sensor head on the right side



## Scope of delivery

- Including thermostatic sensor head
- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

## Accessories



Extensive quality features far in excess of the standard.

## Pricing information – Hot water operation

Painted radiator										EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2	
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C				Radiator in standard colour, white (RAL 9016)
973	550	33	1.2340	400	460	524 572	329 203	C3V10100055 .. XK	818.00	1023.00	
973	750	33	1.2381	600	610	695 759	436 268	C3V10100075 .. XK	843.00	1054.00	
1429	550	33	1.2004	800	694	788 858	501 313	C3V10140055 .. XK	854.00	1068.00	
1429	750	33	1.2290	800	920	1048 1143	660 407	C3V10140075 .. XK	909.00	1136.00	
1733	550	33	1.2165	800	851	968 1055	612 380	C3V10180055 .. XK	944.00	1180.00	
1733	750	33	1.2313	1200	1128	1285 1401	808 499	C3V10180075 .. XK	997.00	1246.00	

- Anti-corrosion coating (RAL 9016): + 40 % on price 1
- Anti-corrosion coating (colour): On request
- Special solutions: On request

### Ordering example 1:

Credo plus 1733 x 550 mm in white (RAL 9016),  
thermostatic sensor head on the right side

**Product code: C3V10180055 2 R XK**

### Ordering example 2:

Credo plus 1733 x 550 mm in circonsilver Metallic,  
thermostatic sensor head on the left side

**Product code: C3V10180055 Radiator colour circonsilver Metallic,  
thermostatic sensor head on the right side**

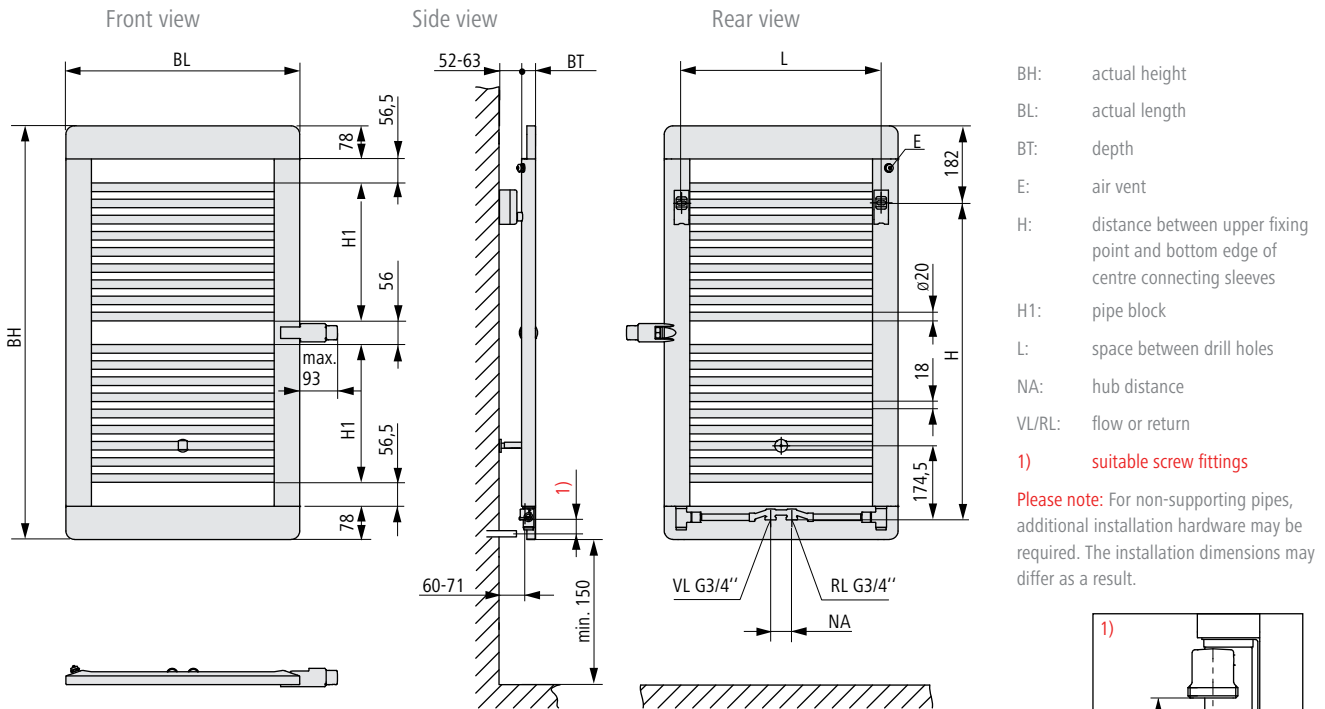
When ordering, please state: colour, version.  
See page 257.



For additional electric operation,  
please order the appropriate electrical set for Credo plus on page 83.

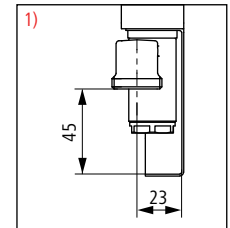
## Technical information – Hot water operation

### Credo plus dimensions



#### Model

Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.



BH mm	BL mm	BT mm	NA mm	H mm	H1 mm	L mm	Weight kg	Water content l
973	550	33	50	745	324	470	10,8	4,1
973	750	33	50	745	324	670	13,1	5,1
1429	550	33	50	1201	248	470	15,5	6,5
1429	750	33	50	1201	248	670	18,7	8,0
1733	550	33	50	1505	324	470	18,9	8,2
1733	750	33	50	1505	324	670	22,8	10,2






For characteristic equation, see page 250.

- Connections: 2 x 3/4" external thread, centre downwards, pipes from wall only.  
Hub distance 50 mm  
Flow on left for left-hand version.  
Flow on right for right-hand version.  
Not suitable for one-pipe system.
- Air vent: G 1/4" backwards, on the left
- Drain: G 1/2" (internal thread) downwards
- Operating pressure: max. 8 bar
- Test pressure: 10.4 bar
- Operating conditions: Hot water up to 110 °C.  
Additional electric operation possible (max. flow temperature 80 °C).  
Electrical set can be retrofitted on the side of the return.

## Information – Additional electric operation

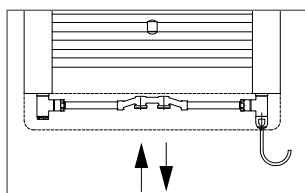


### Prices and electrical set wattage rating (additional electric operation)

Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	400 watts / AC 230 V	1 piece	ZE0100 0003	<b>279.00</b>	ZE0100 0038	<b>341.00</b>
	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	400 watts / AC 230 V	1 piece	ZE0101 0003	<b>402.00</b>	ZE0101 0038	<b>464.00</b>
	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	400 watts / AC 230 V	1 piece	ZE0315 0003	ZE0315 0010	ZE0315 0017	<b>537.00</b>
	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>

For additional electric operation, please order the appropriate electrical set for Credo plus. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 81. For technical description, see page 87.

### Credo plus connection with additional electric operation



Installation from below in the T-piece of the connection fitting is possible. The electrical set can also be retrofitted.

#### Please note:

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator. The radiator can only be removed after completely draining the heating system, as the heating rod projects through the isolating valve into the radiator.



# Credo<sup>®</sup> plus-E



## Product benefits

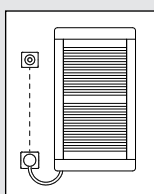
- Radiator for all-electric operation
- Easy installation, fixing not visible from the front
- Anti-corrosion coating available. For technical description, see page 231



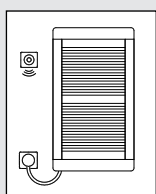
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Filled with non-combustible, non-toxic heat transfer fluid. Frostproof to approx. -15 °C. Electric heating rod pre-installed, including electronic control and control element (electrical set WKS, WFS, or WRX)
- Electrical set WKS, WFS, or WRX. For technical description, see page 87

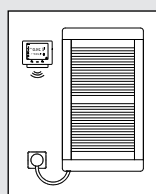
## Versions



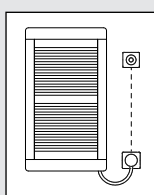
Electrical set WKS on the left  
Version **C** white  
Version titanium



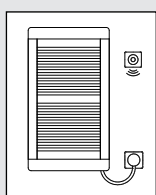
Electrical set WFS on the left  
Version **E** white  
Version titanium



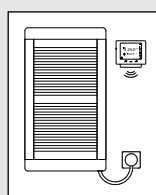
Electrical set WRX on the left  
Version **T** white  
Version white/white



Electrical set WKS on the right  
Version **D** white  
Version titanium

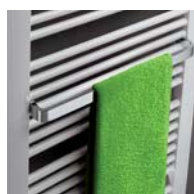
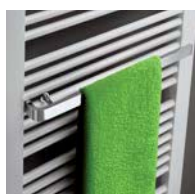
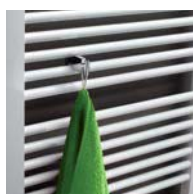


Electrical set WFS on the right  
Version **F** white  
Version titanium



Electrical set WRX on the right  
Version **S** white  
Version white/white

## Accessories



Extensive quality features far in excess of the standard.



## Price information – All-electric operation



### Prices and heat output

Painted radiator					EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Heat output in watts	Product code	Price 1	Price 2	Price 3	Price 4	Price 5	Price 6
			E-set *		Radiator in standard colour, white (RAL 9016), incl.			Radiator according to Kermi colour concept incl.		
					WKS in white	WFS in white	WRX in white/white	WKS in white	WFS in white	WRX in white/white
973	550	33	400	C3E10100055 .. XK	1177.00	1300.00	1435.00	1382.00	1505.00	1640.00
973	750	33	600	C3E10100075 .. XK	1209.00	1330.00	1465.00	1420.00	1541.00	1676.00
1429	550	33	800	C3E10140055 .. XK	1228.00	1348.00	1483.00	1442.00	1562.00	1697.00
1429	750	33	800	C3E10140075 .. XK	1283.00	1403.00	1538.00	1510.00	1630.00	1765.00
1733	550	33	800	C3E10180055 .. XK	1318.00	1438.00	1573.00	1554.00	1674.00	1809.00
1733	750	33	1200	C3E10180075 .. XK	1377.00	1500.00	1633.00	1626.00	1749.00	1882.00

- Electrical set (WKS, WFS) in titanium: + EUR **62.00**
- Anti-corrosion coating (RAL 9016): **On request**
- Anti-corrosion coating (colour): **On request**

When ordering, please state: colour, version. See page 257.

#### Ordering example 1:

Crede plus-E 1429 x 550 mm in white (RAL 9016),  
electrical set WRX on the right in white/white

**Product code: C3E10140055 2 S XK**

#### Ordering example 2:

Crede plus-E 1429 x 550 mm in circonsilver Metallic,  
electrical set WRX on the right in black/black

**Product code: C3E10140055 Radiator colour circonsilver Metallic,  
electrical set WRX on the right in black/black**

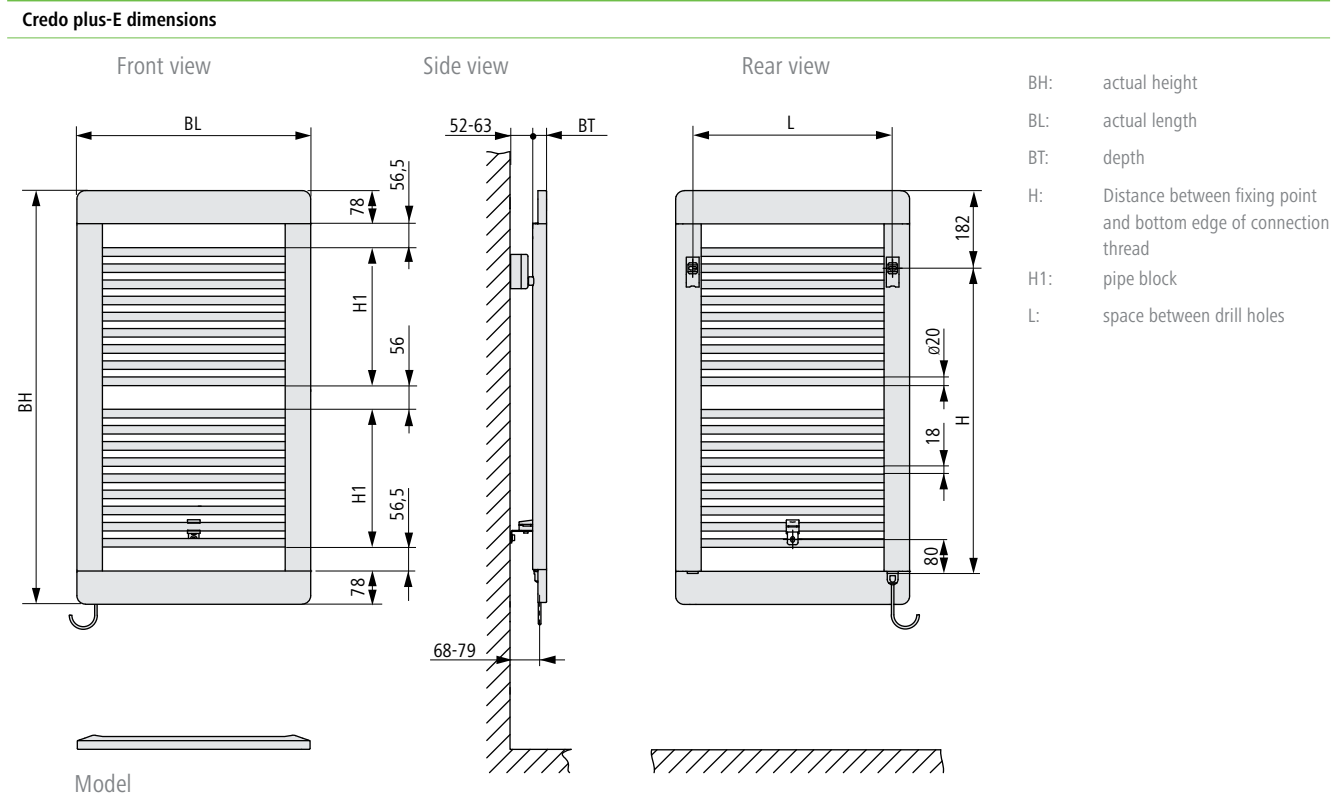
**Price:** Radiator with WRX in circonsilver Metallic 1697.00 EUR  
without surcharge for electrical set black/black = complete price 1697.00 EUR



\* Please note: The specified power of the heating rod refers to the maximum electric power consumption. It should not be compared to the standard heat output of a radiator according to EN 442. An automatic control prevents overheating of the radiator during electric heating operation. Therefore, the maximum electrical power consumption is not constantly available for conversion into heat output. At normal room temperatures, the resulting heat output of the radiator is approx. 75 % of the stated maximum electrical power consumption of the heating rod.

# Credo® plus-E

## Technical information – All-electric operation



The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	H mm	H1 mm	L mm	Weight kg
973	550	33	718	324	470	14,1
973	750	33	718	324	670	17,4
1429	550	33	1174	248	470	21,1
1429	750	33	1174	248	670	25,6
1733	550	33	1478	324	470	26,1
1733	750	33	1478	324	670	31,9

**Please note:**

VDE 0100 part 701 must be observed during installation! For division into safety areas, see page 230. During installation, a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on-site.

- **Connections:** The electric heating rod is pre-installed at the bottom in the manifold pipe.  
Installation of the wall elements on an empty socket or wall mounting with anchors.  
Protection type IPX4
- **Test pressure:** 10.4 bar
- **Operating conditions:** The Credo plus-E model is operated as an all-electric radiator.  
The electric heating rod is connected via the wall outlet or plug to 230 V 50 Hz AC.

### Electrical set WKS



Electrical set WKS, white



Electrical set WKS, titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

### Electrical set WFS



Electrical set WFS, white



Electrical set WFS, titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

### Electrical set WRX



Electrical set WRX white/white



Electrical set WRX black/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to programme and control various functions.

#### Controller functions:







- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly programme (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30 - 120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection



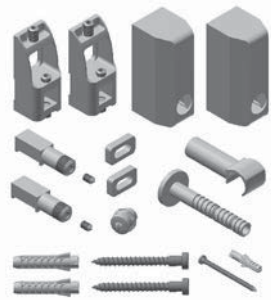
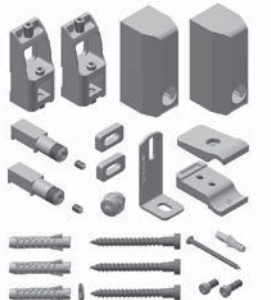

Electrical set WRX black/white

# Credo® plus, Credo® plus-E

## Accessories

Name Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Towel hook</b>					
	Additional depth with towel hook installed + 39 mm.				
	Surface chrome-plated	ZC0071 0001	1	piece	63.78 / piece
<b>Towel rail, closed</b>					
	Additional depth with towel rail installed + 44 mm.				
	<b>Surface chrome-plated</b>				
	Suitable for Credo plus length of 550 mm	ZC0108 0001	1	piece	155.51 / piece
	Suitable for Credo plus length of 750 mm	ZC0108 0002	1	piece	169.03 / piece
<b>Towel rail open at side</b>					
	Additional depth with towel rail installed + 44 mm.				
	<b>Surface chrome-plated</b>				
	<b>Version with fixing point on the left.</b>				
	Suitable for length 550 mm	ZC0107 0002	1	piece	190.45 / piece
	Suitable for length 750 mm	ZC0107 0004	1	piece	202.85 / piece
	<b>Version with fixing point on the right.</b>				
	Suitable for length 550 mm	ZC0107 0001	1	piece	190.45 / piece
	Suitable for length 750 mm	ZC0107 0003	1	piece	202.85 / piece
<b>Cleaning brush</b>					
					
	Cleaning brush, three-piece	ZK0013 0002	1	piece	61.74 / piece
<b>Spacer</b>					
	For Credo plus. Additional installation hardware for connection situations differing from Appendix D in accordance with VDI 6036 (non-supporting pipes).				
	Visible parts white	ZB0326 0001	1	piece	24.41 / piece
	Visible parts in colour (Please state colour when ordering)	ZB0326*	1	piece	30.51 / piece

## Spare parts

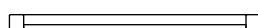
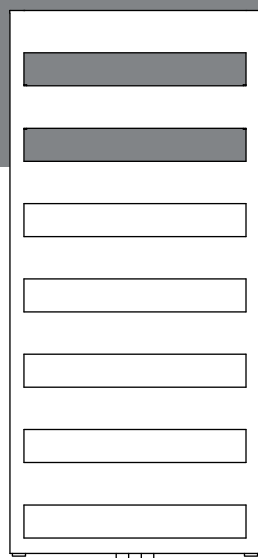
Name Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	<p>For Credo plus.</p> <p><b>Set comprising:</b></p> <ul style="list-style-type: none"> <li>2 wall mounts,</li> <li>2 support pins,</li> <li>2 elongated washers,</li> <li>2 anchors Ø 10,</li> <li>2 screws 8 x 80,</li> <li>1 wall support at bottom,</li> <li>2 two-piece fixing point covers,</li> <li>1 air vent plug.</li> </ul>				
Suitable for requirement classes I and II.	Visible parts white	ZB0343 0001	1	piece	39.07 / piece
	Visible parts in colour (Please state colour when ordering)	ZB0343*	1	piece	48.84 / piece
<b>Fixing set</b>					
	<p>For Credo plus-E.</p> <p><b>Set comprising:</b></p> <ul style="list-style-type: none"> <li>2 wall mounts,</li> <li>2 support pins,</li> <li>2 elongated washers,</li> <li>2 anchors Ø 10,</li> <li>2 screws 8 x 80,</li> <li>1 wall support at bottom,</li> <li>2 two-piece fixing point covers,</li> <li>1 air vent plug.</li> </ul>				
Suitable for requirement classes I and II.	Visible parts white	ZB0344 0001	1	piece	67.13 / piece
	Visible parts in colour (Please state colour when ordering)	ZB0344*	1	piece	83.91 / piece
<b>Air vent plug</b>					
	<p>Ø 1/4"</p> <p><b>Set comprising 10 pieces.</b></p>				
		ZT0054 0001	10	piece	4.05 / piece

# Clear lines, pure aesthetics

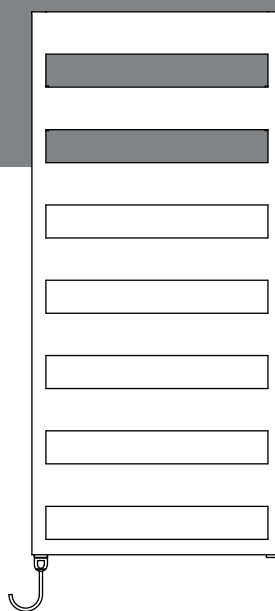


# Casteo®

- Side connection or 50 mm centre connection available
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- Version with additional electric heating
- Casteo-E for all-electric operation



Casteo  
Compact radiator  
page 92



Casteo-E  
All-electric radiator  
page 96



## Product benefits

- Compact radiator for hot water operation
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- Easy installation, fixing not visible from the front
- 50 mm centre connection or side connections downwards, hub distance depends on length
- Additional electric operation possible, heating rod can be retrofitted with centre connection, cannot be retrofitted with side connection
- Anti-corrosion coating available. For technical description, see page 231



## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

### x-link plus connection fitting



For prices and description of x-link plus, see page 234



Extensive quality features far in excess of the standard.



## Pricing information – Hot water operation

Painted radiator									EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
986	500	30	1.2021	400	438	497 541	316 197	CTN1M100050 . XXX	544.00	680.00
986	600	30	1.1960	600	513	582 633	371 232	CTN1M100060 . XXX	563.00	704.00
1259	500	30	1.2105	600	545	620 675	393 244	CTN1M120050 . XXX	653.00	816.00
1259	600	30	1.2051	600	638	725 789	460 287	CTN1M120060 . XXX	678.00	848.00
1259	750	30	1.1971	800	774	879 956	560 350	CTN1M120075 . XXX	731.00	914.00
1533	500	30	1.2189	600	649	738 805	466 289	CTN1M150050 . XXX	738.00	923.00
1533	600	30	1.2143	800	760	864 941	547 340	CTN1M150060 . XXX	767.00	959.00
1533	750	30	1.2074	800	921	1047 1139	664 414	CTN1M150075 . XXX	834.00	1043.00
1806	500	30	1.2280	800	750	854 931	538 332	CTN1M180050 . XXX	829.00	1036.00
1806	600	30	1.2227	800	878	999 1089	630 390	CTN1M180060 . XXX	871.00	1089.00
1806	750	30	1.2148	1200	1065	1211 1319	766 476	CTN1M180075 . XXX	936.00	1170.00

- Anti-corrosion coating (RAL 016): **+ 40%** on price 1
- Anti-corrosion coating (colour): **on request**
- Special solutions: **on request**

### Ordering example 1:

Casteo 1259x600 mm in white (RAL 9016)

**Product code: CTN1M120060 2 XXX**

### Ordering example 2:

Casteo 1259x600 mm in circonsilver Metallic

**Product code: CTN1M120060 Radiator colour circonsilver Metallic**

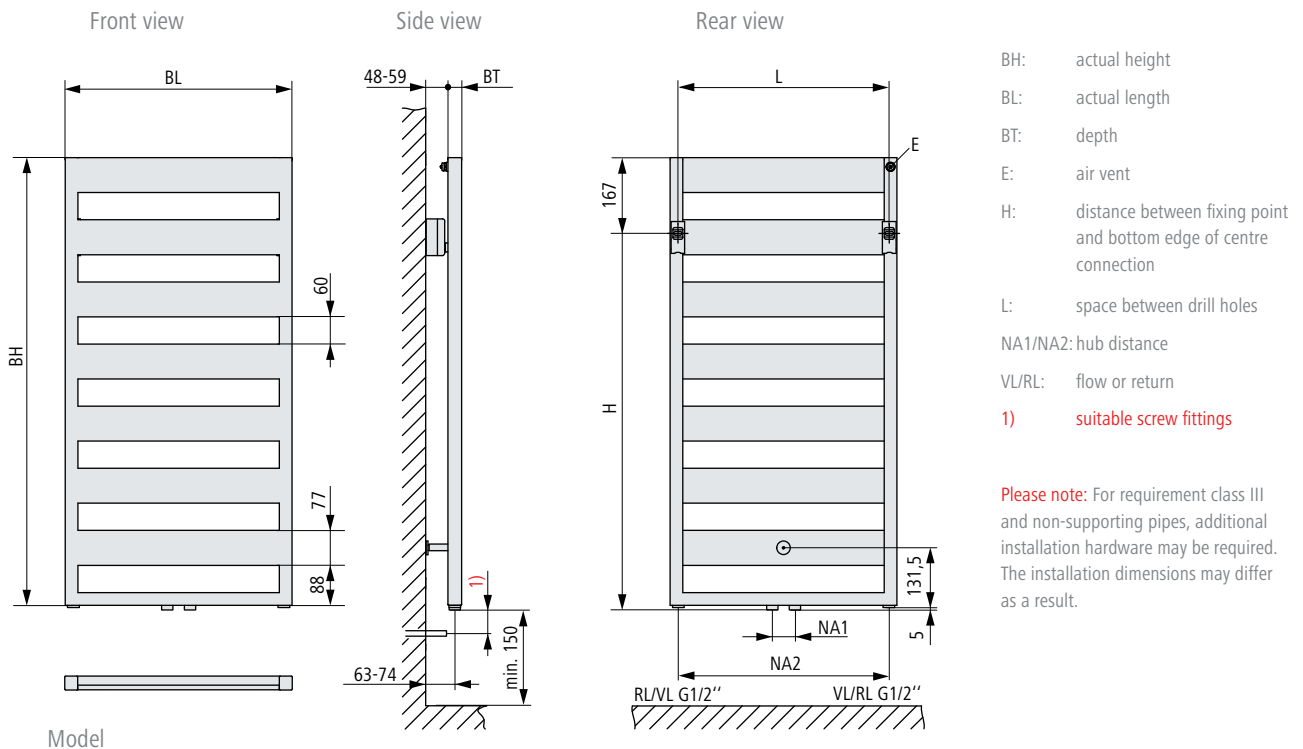
**When ordering, please state: colour.**  
See page 257.



For additional electric operation, please order the appropriate electrical set for Casteo on page 95

## Technical information – Hot water operation

### Casteo dimensions



Distance from bottom edge of radiator to floor min. 150 mm.

The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA1 mm	NA2 mm	H mm	L mm	Weight kg	Water content l
986	500	30	50	464	829	466	12,0	2,9
986	600	30	50	564	829	566	14,1	3,2
1259	500	30	50	464	1102	466	15,2	3,6
1259	600	30	50	564	1102	566	17,9	4,1
1259	750	30	50	714	1102	716	22,0	4,7
1533	500	30	50	464	1376	466	18,5	4,4
1533	600	30	50	564	1376	566	21,8	4,9
1533	750	30	50	714	1376	716	26,7	5,6
1806	500	30	50	464	1649	466	21,7	5,1
1806	600	30	50	564	1649	566	25,6	5,7
1806	750	30	50	714	1649	716	31,3	6,6



For characteristic equation, see page 250.

■ **Connections:** 2 x G 1/2" internal thread at centre downwards, hub distance 50 mm, flow available on the left or right.

Additionally 2 x G 1/2" internal thread on the side downwards, hub distance depends on length, flow available on the left or right. Suitable for one-pipe system.

■ **Air vent:** G 1/4" backwards, on the left

■ **Operating pressure:** max. 4 bar

■ **Test pressure:** 5.2 bar

■ **Operating conditions:** Hot water up to 110 °C.

Additional electric operation possible (max. flow temperature 80 °C).

With centre connection: electric heating rod can be retrofitted.

With side connection: electric heating rod cannot be retrofitted, as the required T-piece will change the connection position.

## Information – Additional electric operation

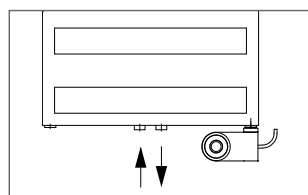
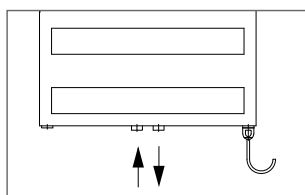


### Prices and electrical set wattage rating (additional electric operation)

Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	400 watts / AC 230 V	1 piece	ZE0103 0003	<b>279.00</b>	ZE0103 0080	<b>401.00</b>
	600 watts / AC 230 V	1 piece	ZE0103 0004	<b>286.00</b>	ZE0103 0081	<b>408.00</b>
	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	400 watts / AC 230 V	1 piece	ZE0100 0003	<b>279.00</b>	ZE0100 0038	<b>341.00</b>
	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	400 watts / AC 230 V	1 piece	ZE0101 0003	<b>402.00</b>	ZE0101 0038	<b>464.00</b>
	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	400 watts / AC 230 V	1 piece	ZE0315 0003	ZE0315 0010	ZE0315 0017	<b>537.00</b>
	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>

For additional electric operation, please order the appropriate electrical set for Casteo. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 93. For technical description, see page 99.

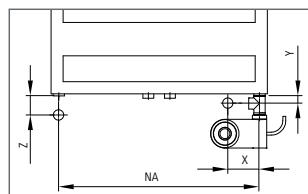
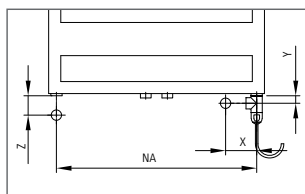
### Casteo connection with additional electric operation



Connection of flow and return via 50 mm centre connection: installation of an electric heating rod in the left or right manifold pipe is possible without any restrictions.

#### Please note:

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator.



For the installation of an electric heating rod in the heating flow or return, a T-piece is mandatory (connections 2 x G 1/2" internal thread, 1 x G 1/2" external thread). This changes the position of the pipes in relation to the radiator horizontally (dimension X) and vertically (dimension Y) – depending on the angle valve and T-piece used. When the T-piece ZT00560001 is used, Y = 19 mm. When the angle valve available as an accessory is used (connection on the left: ZV00300003, connection on the right: ZV00300004), Z = 60 mm. For this reason, upgrade of an electric heating rod is not possible after the radiator has already been installed.



# Casteo®-E



## Product benefits

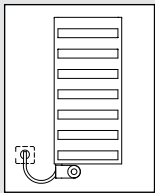
- Radiator for all-electric operation
- Easy installation, fixing not visible from the front
- Anti-corrosion coating available. For technical description, see page 231



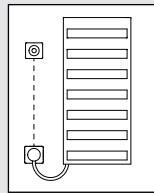
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Filled with non-combustible, non-toxic heat transfer fluid. Frostproof to approx. -15 °C. Electric heating rod pre-installed, including electronic control and control element (electrical set: FKS, WKS, WFS, or WRX).
- Electrical set FKS, WKS, WFS, or WRX. For technical description, see page 99

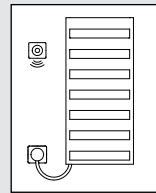
## Versions



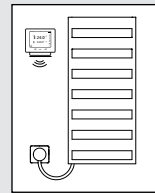
Electrical set FKS on the left  
Version I white  
Version chrome-silver



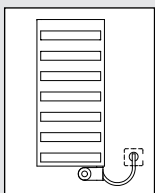
Electrical set WKS on the left  
Version C white  
Version titanium



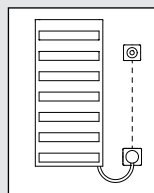
Electrical set WFS on the left  
Version E white  
Version titanium



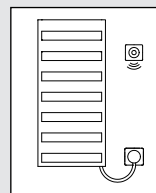
Electrical set WRX on the left  
Version T white/white  
Version white/black, black/black



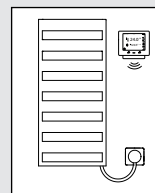
Electrical set FKS on the right  
Version J white  
Version chrome-silver



Electrical set WKS on the right  
Version D white  
Version titanium



Electrical set WFS on the right  
Version F white  
Version titanium



Electrical set WRX on the right  
Version S white/white  
Version white/black, black/black



Extensive quality features  
far in excess of the standard.

## Price information – All-electric operation



### Prices and heat output

Painted radiator					EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Heat output in watts	Product code	Price 1	Price 2	Price 3	Price 4	Price 5	Price 6
			E-set *		Radiator in standard colour, white (RAL 9016), incl.			Radiator according to Kerma colour concept incl.		
					FKS/WKS in white	WFS in white	WRX in white/white	FKS/WKS in white	WFS in white	WRX in white/white
986	500	30	400	CTE10100050 .. XK	903.00	1026.00	1161.00	1039.00	1162.00	1297.00
986	600	30	600	CTE10100060 .. XK	929.00	1050.00	1185.00	1070.00	1191.00	1326.00
1259	500	30	600	CTE10120050 .. XK	1019.00	1140.00	1275.00	1182.00	1303.00	1438.00
1259	600	30	600	CTE10120060 .. XK	1044.00	1165.00	1300.00	1214.00	1335.00	1470.00
1259	750	30	800	CTE10120075 .. XK	1105.00	1225.00	1360.00	1288.00	1408.00	1543.00
1533	500	30	600	CTE10150050 .. XK	1104.00	1225.00	1360.00	1289.00	1410.00	1545.00
1533	600	30	800	CTE10150060 .. XK	1141.00	1261.00	1396.00	1333.00	1453.00	1588.00
1533	750	30	800	CTE10150075 .. XK	1208.00	1328.00	1463.00	1417.00	1537.00	1672.00
1806	500	30	800	CTE10180050 .. XK	1203.00	1323.00	1458.00	1410.00	1530.00	1665.00
1806	600	30	800	CTE10180060 .. XK	1245.00	1365.00	1500.00	1463.00	1583.00	1718.00
1806	750	30	1200	CTE10180075 .. XK	1316.00	1439.00	1572.00	1550.00	1673.00	1806.00

- Electrical set FKS in chrome silver: + EUR **122.00**
- Electrical set (WKS, WFS) in titanium: + EUR **62.00**
- Anti-corrosion coating (RAL 9016): **on request**
- Anti-corrosion coating (colour): **on request**

When ordering, please state: colour, version. See page 257.

### Ordering example 1:

Casteo-E 1259 x 600 mm in white (RAL 9016),  
electrical set WFS on the right in white

**Product code: CTE10120060 2 F XK**

### Ordering example 2:

Casteo-E 1259 x 600 mm in circonsilver Metallic,  
electrical set WFS on the right in titanium

**Product code: CTE10120060 Radiator colour circonsilver Metallic,  
electrical set WFS on the right in titanium**

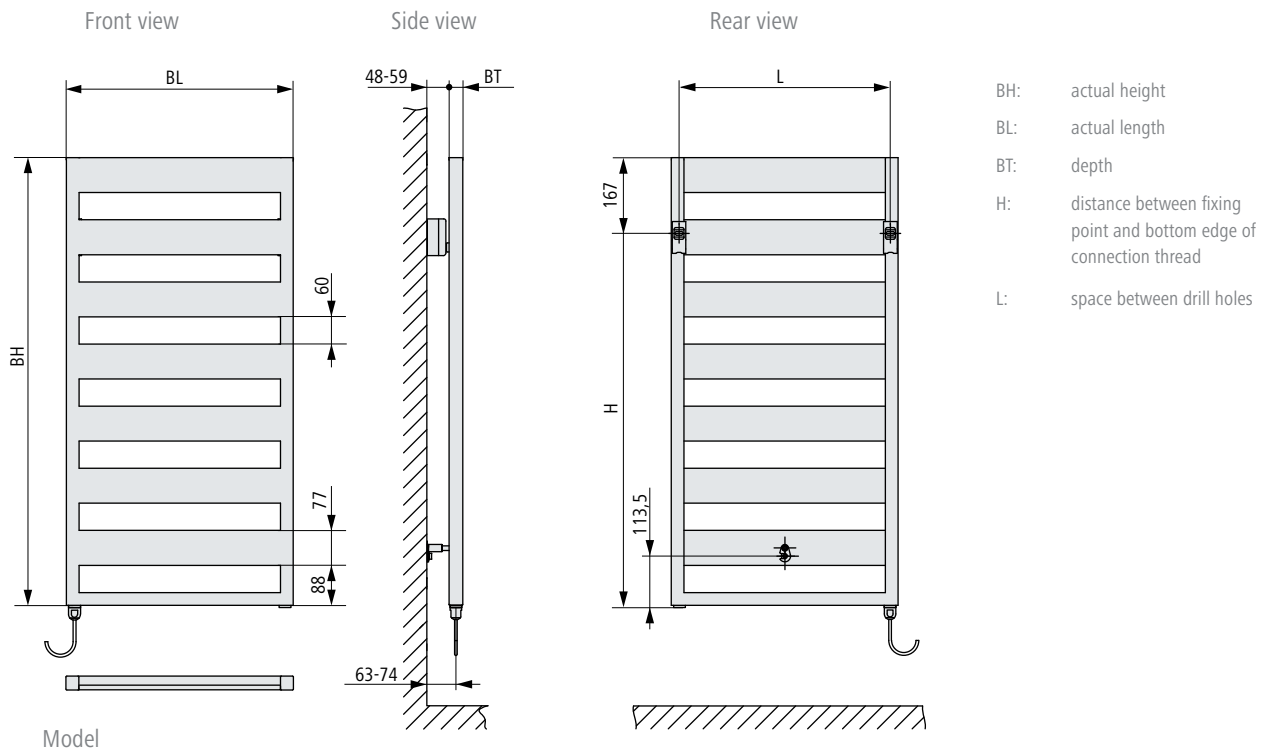
**Price:** Radiator with WFS in white 1335.00 EUR + surcharge for  
electrical set in titanium 62.00 EUR = complete price 1397.00 EUR



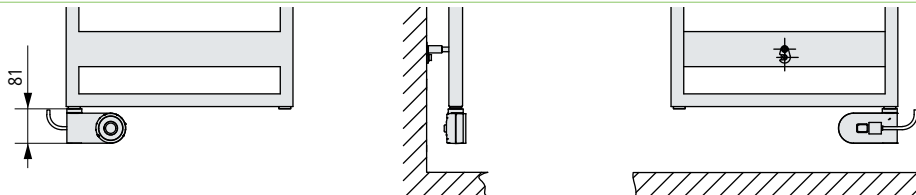
\* Please note: The specified power of the heating rod refers to the maximum electric power consumption. It should not be compared to the standard heat output of a radiator according to EN 442. An automatic control prevents overheating of the radiator during electric heating operation. Therefore, the maximum electrical power consumption is not constantly available for conversion into heat output. At normal room temperatures, the resulting heat output of the radiator is approx. 75 % of the stated maximum electrical power consumption of the heating rod.

## Technical information – All-electric operation

### Casteo-E dimensions



### Electrical set FKS connection



The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	H mm	L mm	Weight kg
986	500	30	824	466	15,0
986	600	30	824	566	17,6
1259	500	30	1097	466	19,1
1259	600	30	1097	566	22,2
1259	750	30	1097	716	26,9
1533	500	30	1371	466	23,0
1533	600	30	1371	566	26,8
1533	750	30	1371	716	32,4
1806	500	30	1644	466	27,0
1806	600	30	1644	566	31,4
1806	750	30	1644	716	38,1

#### Please note:

VDE 0100 part 701 must be observed during installation! For division into protected areas, see page 230. During installation, a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on site.

- Connections: The electric heating rod is pre-installed at the bottom in the manifold pipe.  
Installation of the wall elements on a empty socket or wall mounting with anchors.  
Protection type IPX4

- Operating conditions: The Casteo-E model is operated as an all-electric radiator.  
The electric heating rod is connected via the wall outlet or plug to 230 V 50 Hz AC.

- Test pressure: 5.2 bar

#### Electrical set FKS



Electrical set FKS, white



Electrical set FKS, chrome silver

The FKS version consists of an electronically regulated heating rod incl. controller (protection type IPX4) that is installed on the radiator. Length of cable on heating rod: approx. 1.2 m. The controller can be modified to be installed either on the right or left side of the radiator. Version with plug for direct connection to a socket. The controller is available in white and chrome silver.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function during commissioning possible
- "Open window" detection

#### Electrical set WKS



Electrical set WKS, white



Electrical set WKS, titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

#### Electrical set WFS



Electrical set WFS, white



Electrical set WFS, titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

#### Electrical set WRX



Electrical set WRX white/white



Electrical set WRX black/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to programme and control various functions.

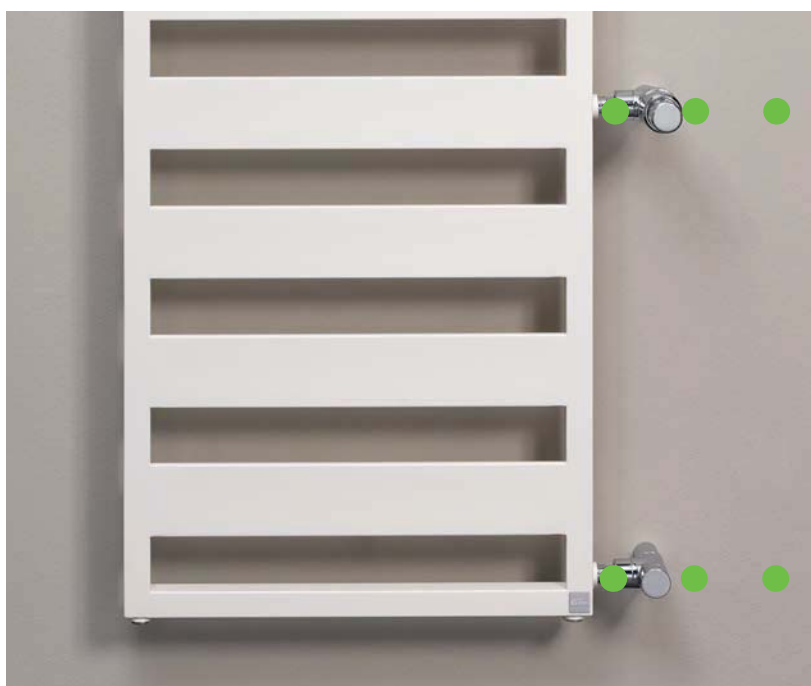
#### Controller functions:

- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly programme (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30-120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection



Electrical set WRX black/white

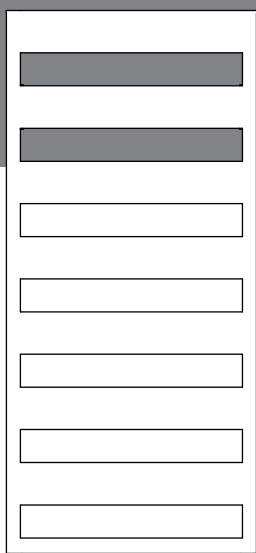
# Change to a modern bath design quickly and easily





# Casteo<sup>®</sup>-D

- Fast, economical replacement solution thanks to DIN hub distances
- Version with additional electric heating



Casteo-D  
Replacement radiator  
page 102

# Casteo®-D



## Product benefits

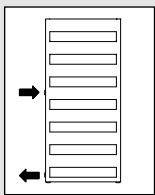
- Replacement radiator with variable hub distance on the side for hot water operation
- Easy replacement of DIN radiators and steel panel radiators
- Connections on the left or right side in manifold pipe
- Additional electric operation possible, heating rod can be retrofitted
- Anti-corrosion coating available. For technical description, see page 231



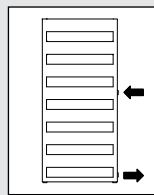
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

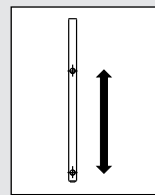
## Versions



Version **L**  
side connection on the left



Version **R**  
side connection on the right



Hub distance on side in mm  
(NA min. 450 mm)



Extensive quality features  
far in excess of the standard.

## Pricing information – Hot water operation

Painted radiator										EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2	
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C				Radiator in standard colour, white (RAL 9016)
986	500	30	1.2021	400	438	497 541	316 197	CTN1D100050 . . XK	701.00	876.00	
986	600	30	1.1960	600	513	582 633	371 232	CTN1D100060 . . XK	719.00	899.00	
1259	500	30	1.2105	600	545	620 675	393 244	CTN1D120050 . . XK	810.00	1013.00	
1259	600	30	1.2051	600	638	725 789	460 287	CTN1D120060 . . XK	834.00	1043.00	
1259	750	30	1.1971	800	774	879 956	560 350	CTN1D120075 . . XK	888.00	1110.00	
1533	500	30	1.2189	600	649	738 805	466 289	CTN1D150050 . . XK	894.00	1118.00	
1533	600	30	1.2143	800	760	864 941	547 340	CTN1D150060 . . XK	925.00	1156.00	
1533	750	30	1.2074	800	921	1047 1139	664 414	CTN1D150075 . . XK	993.00	1241.00	
1806	500	30	1.2280	800	750	854 931	538 332	CTN1D180050 . . XK	984.00	1230.00	
1806	600	30	1.2227	800	878	999 1089	630 390	CTN1D180060 . . XK	1027.00	1284.00	
1806	750	30	1.2148	1200	1065	1211 1319	766 476	CTN1D180075 . . XK	1093.00	1366.00	

- Anti-corrosion coating (RAL 9016): **+ 40%** on price 1
- Anti-corrosion coating (colour): **on request**
- Special solutions: **on request**

### Ordering example 1:

Casteo-D 1259 x 600 mm in white (RAL 9016), side connection on the left, hub distance 500 mm

**Product code: CTN1D120060 2 L XK hub distance 500 mm**

### Ordering example 2:

Casteo-D 1259 x 600 mm in circonsilver Metallic, side connection on the left, hub distance 500 mm

**Product code: CTN1D120060 Radiator colour circonsilver Metallic, side connection on left, hub distance 500 mm**

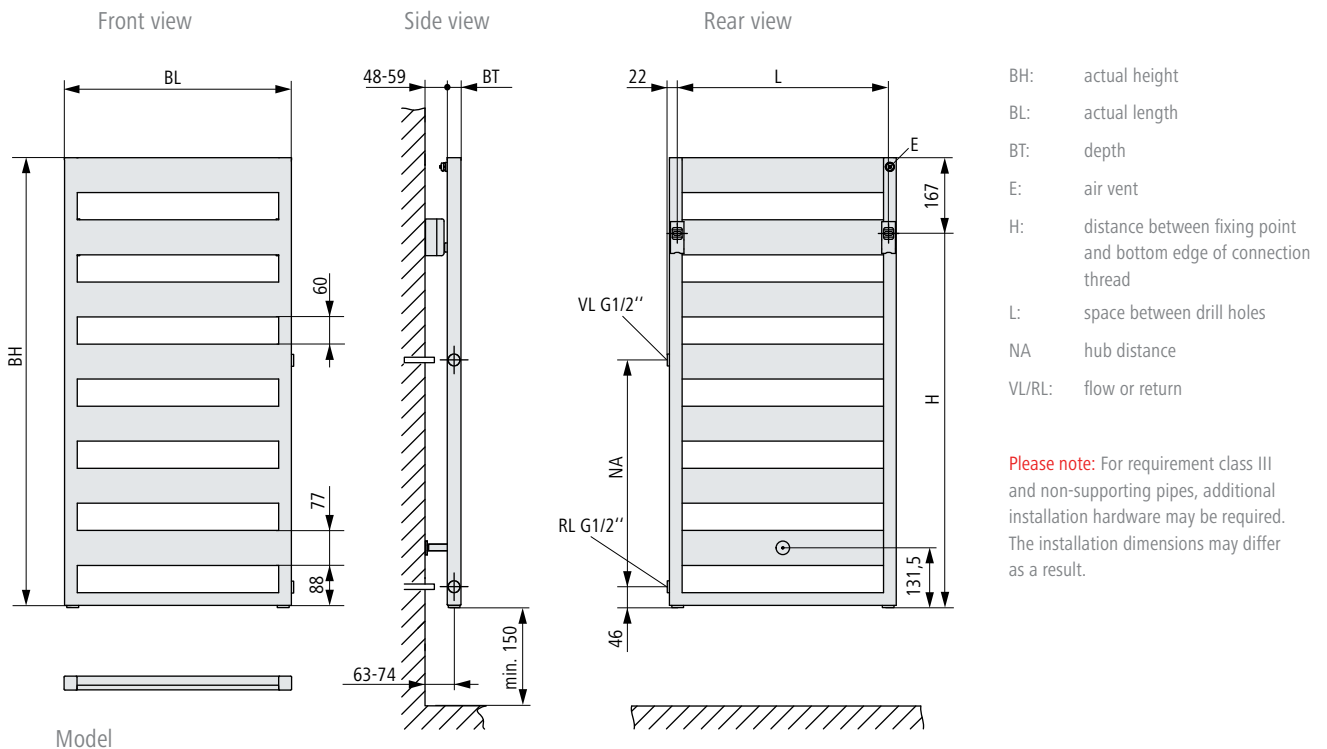
**When ordering, please state: colour, version.**  
See page 257.



For additional electric operation, please order the appropriate electrical set for Casteo-D on page 105

## Technical information – Hot water operation

### Casteo-D dimensions



Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA min. 450 mm	H mm	L mm	Weight kg	Water content l
986	500	30	variable	824	466	12,0	2,9
986	600	30		824	566	14,1	3,2
1259	500	30		1097	466	15,2	3,6
1259	600	30		1097	566	17,9	4,1
1259	750	30		1097	716	22,0	4,7
1533	500	30		1371	466	18,5	4,4
1533	600	30		1371	566	21,8	4,9
1533	750	30		1371	716	26,7	5,6
1806	500	30		1644	466	21,7	5,1
1806	600	30		1644	566	25,6	5,7
1806	750	30		1644	716	31,3	6,6



For characteristic equation, see page 250.

- **Connections:** 2 x G 1/2" internal thread on the left or right side in manifold pipe, hub distance freely selectable starting at 450 mm. Flow at top.
- **Air vent:** G 1/4" backwards, on the left
- **Operating pressure:** max. 4 bar
- **Test pressure:** 5.2 bar
- **Operating conditions:** Hot water up to 110 °C. Additional electric operation possible (max. flow temperature 80 °C), electric heating rod may be retrofitted.

## Information – Additional electric operation



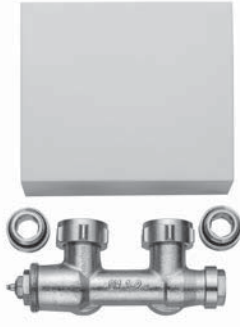
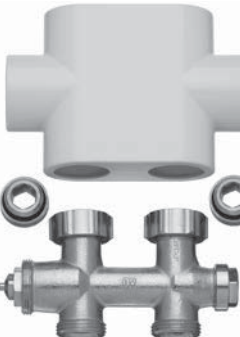
### Prices and electrical set wattage rating (additional electric operation)

Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	400 watts / AC 230 V	1 piece	ZE0103 0003	<b>279.00</b>	ZE0103 0080	<b>401.00</b>
	600 watts / AC 230 V	1 piece	ZE0103 0004	<b>286.00</b>	ZE0103 0081	<b>408.00</b>
	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	400 watts / AC 230 V	1 piece	ZE0100 0003	<b>279.00</b>	ZE0100 0038	<b>341.00</b>
	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	400 watts / AC 230 V	1 piece	ZE0101 0003	<b>402.00</b>	ZE0101 0038	<b>464.00</b>
	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	400 watts / AC 230 V	1 piece	ZE0315 0003	ZE0315 0010	ZE0315 0017	<b>537.00</b>
	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>



For additional electric operation, please order the appropriate electrical set for Casteo-D. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 103. For technical description, see page 99.

# Casteo<sup>®</sup>, Casteo<sup>®</sup>-D

## Accessories

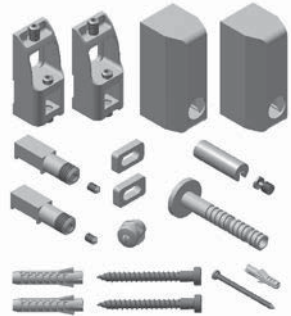
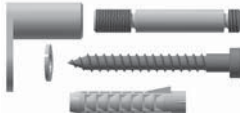

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Valve shut-off block set, angled</b>					
	<p>For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4".</p> <p>Connections to the pipe system 3/4" euro taper (external thread).</p> <p>Connection for thermostatic sensor head M30 x 1.5.</p> <p>Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection).</p> <p>By setting the bypass spindle also suitable for one-pipe system!</p> <p>The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p> <p><b>Set comprising:</b></p> <p>1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve,</p> <p>1 decorative cover,</p> <p>2 pipe reducing nipples.</p> <p><b>Attention: Note the flow direction in the radiator.</b></p>				
	Cover white	ZV0120 0001	1	piece	86.05 / piece
	Cover chrome	ZV0120 0002	1	piece	123.89 / piece
<b>Valve shut-off block, straight</b>					
	<p>For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4".</p> <p>Connections to the pipe system 3/4" euro taper (external thread).</p> <p>Connection for thermostatic sensor head M30 x 1.5.</p> <p>Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection).</p> <p>By setting the bypass spindle also suitable for one-pipe system!</p> <p>The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p> <p><b>Set comprising:</b></p> <p>1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve,</p> <p>1 decorative cover,</p> <p>2 pipe reducing nipples.</p> <p><b>Attention: Note the flow direction in the radiator.</b></p>				
	Cover white	ZV0040 0001	1	piece	73.95 / piece
	Cover chrome	ZV0040 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0040 0003	1	piece	123.05 / piece

## Accessories

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Thermostatic sensor head</b>					
	White	ZV0038 0003	1	piece	25.12 / piece
	Chrome	ZV0038 0001	1	piece	29.70 / piece
	Stainless steel appearance	ZV0038 0002	1	piece	38.30 / piece
<b>Angle valve</b>					
<b>Surface chrome-plated</b>					
<b>Angle valve for left connection.</b>					
	DN 15 1/2" (thermostatic sensor head on the right), M30 x 1.5	ZV0030 0003	1	piece	152.38 / piece
<b>Angle valve for right connection.</b>					
	DN 15 1/2" (thermostatic sensor head on the left), M30 x 1.5	ZV0030 0004	1	piece	152.38 / piece
<b>Angled return fitting</b>					
<b>Surface chrome-plated</b>					
	DN 15 1/2"	ZV0018 0002	1	piece	118.84 / piece

# Casteo<sup>®</sup>, Casteo<sup>®</sup>-E, Casteo<sup>®</sup>-D

## Spare parts

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	For Casteo, Casteo-D. <b>Set comprising:</b> 2 wall mounts, 2 support pins, 2 elongated washers, 2 anchors ø 10, 2 screws 8x80, 1 wall support at bottom, 2 two-piece fixing point covers, 1 air vent plug.				
	Visible parts white	ZB0345 0001	1	piece	39.07 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0345*	1	piece	48.84 / piece
<b>Spacer</b>					
	For Casteo-E. In addition to fixing set ZB0345				
	Visible parts white	ZB0347 0001	1	piece	30.54 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0347*	1	piece	38.18 / piece
<b>Air vent plug</b>					
	Ø 1/4" <b>Set comprising 10 pieces.</b>				
		ZT0054 0001	10	piece	4.05 / piece



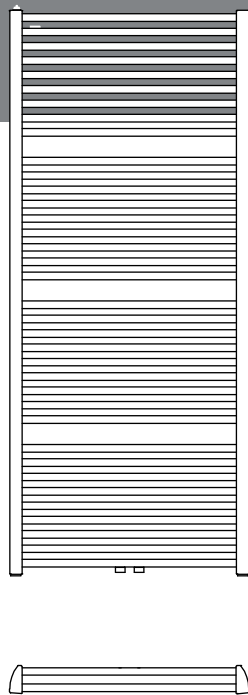


# Classic bathroom heat with double power

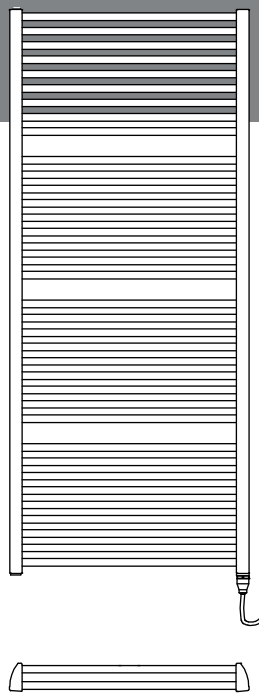


# Duett<sup>®</sup>

- Clear, classic, double-layered
- Maximum standard heat output of 2297 watts
- Also suitable for low-temperature applications (e.g. heat pump)
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- With side connections and 50 mm centre connection
- Version with additional electric heating
- Duett-E for all-electric operation



Duett  
Compact radiator  
page 112



Duett-E  
All-electric radiator  
page 116



## Product benefits

- Compact radiator for hot water operation
- Double-layered for high heat demand, also for low-temperature applications
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- 50 mm centre connection or side connections downwards, hub distance depends on length
- Additional electric operation possible, heating rod can be retrofitted with centre connection, cannot be retrofitted with side connection
- Hot-dip galvanised or anti-corrosion coating available. For technical description, see page 231



## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

## Accessories



## x-link plus connection fitting



For prices and description of x-link plus, see page 234



Extensive quality features far in excess of the standard.

## Pricing information – Hot water operation

Painted radiator									EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C		Radiator in standard colour, white (RAL 9016)	Radiator according to Kermi colour concept
1188	484	74	1.2403	800	834	951 1038	596 366	DUN2M120045 . XXK	579.00	724.00
1188	634	74	1.2414	1200	1089	1242 1355	778 478	DUN2M120060 . XXK	603.00	754.00
1188	784	74	1.2424	1500	1343	1532 1672	959 589	DUN2M120075 . XXK	627.00	784.00
1188	934	74	1.2435	1500	1597	1822 1988	1140 700	DUN2M120090 . XXK	651.00	814.00
1492	484	74	1.2465	1200	1020	1164 1271	728 446	DUN2M150045 . XXK	675.00	844.00
1492	634	74	1.2466	1500	1332	1520 1659	950 583	DUN2M150060 . XXK	699.00	874.00
1492	784	74	1.2467	1500	1643	1875 2047	1172 719	DUN2M150075 . XXK	723.00	904.00
1492	934	74	1.2467	1500	1953	2229 2433	1393 854	DUN2M150090 . XXK	749.00	936.00
1796	484	74	1.2472	1200	1200	1369 1495	856 525	DUN2M180045 . XXK	773.00	966.00
1796	634	74	1.2497	1500	1567	1789 1953	1117 684	DUN2M180060 . XXK	798.00	998.00
1796	784	74	1.2522	1500	1932	2206 2409	1376 842	DUN2M180075 . XXK	822.00	1028.00
1796	934	74	1.2547	1500	2297	2623 2866	1635 1000	DUN2M180090 . XXK	856.00	1070.00

- Hot-dip galvanised (RAL 9016 textured): Price 1 x factor 2.8
- Anti-corrosion coating (RAL 9016): + 40 % on price 1
- Anti-corrosion coating (colour): on request
- Special solutions: on request

### Ordering example 1:

Duett 1188x634 mm in white (RAL 9016)

Product code: **DUN2M120060 2 XXK**

### Ordering example 2:

Duett 1188x634 mm in circonsilver Metallic

Product code: **DUN2M120060 Radiator colour circonsilver Metallic**

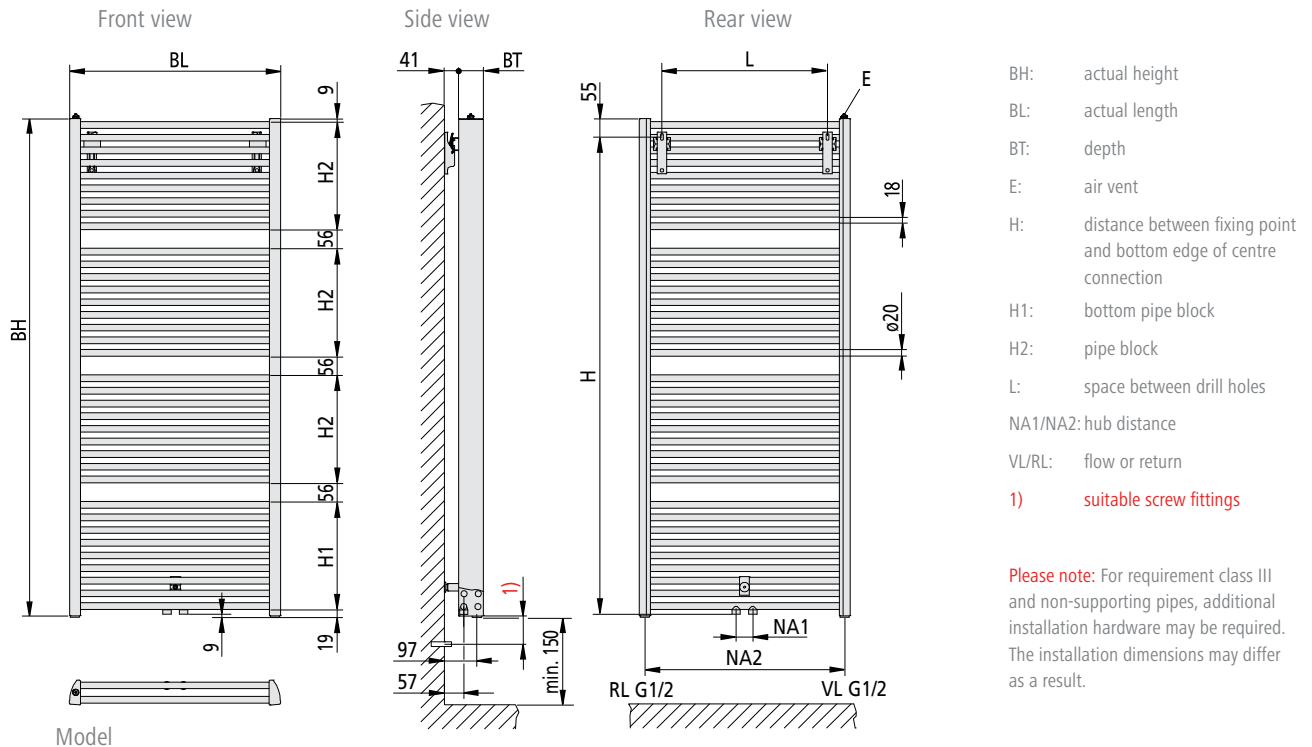
When ordering, please state: colour.  
See page 257.



For additional electric operation, please order the appropriate electrical set for Duett on page 115

## Technical information – Hot water operation

### Duett dimensions



- BH: actual height
- BL: actual length
- BT: depth
- E: air vent
- H: distance between fixing point and bottom edge of centre connection
- H1: bottom pipe block
- H2: pipe block
- L: space between drill holes
- NA1/NA2: hub distance
- VL/RL: flow or return
- 1) suitable screw fittings

**Please note:** For requirement class III and non-supporting pipes, additional installation hardware may be required. The installation dimensions may differ as a result.

Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA1 mm	NA2 mm	H mm	L mm	H1 mm	H2 mm	Weight kg	Water content l
1188	484	74	50	450	1126	347	248	248	19,20	10,10
1188	634	74	50	600	1126	497	248	248	23,20	12,30
1188	784	74	50	750	1126	647	248	248	27,20	14,50
1188	934	74	50	900	1126	797	248	248	31,20	16,80
1492	484	74	50	450	1430	347	324	324	24,20	12,80
1492	634	74	50	600	1430	497	324	324	29,30	15,60
1492	784	74	50	750	1430	647	324	324	34,30	18,40
1492	934	74	50	900	1430	797	324	324	39,40	21,30
1796	484	74	50	450	1734	347	400	400	29,20	15,50
1796	634	74	50	600	1734	497	400	400	35,30	18,90
1796	784	74	50	750	1734	647	400	400	41,50	22,40
1796	934	74	50	900	1734	797	400	400	47,70	25,80



For characteristic equation, see page 250.

- **Connections:** 2 x G 1/2" internal thread at centre downwards, hub distance 50 mm, flow available on the left or right.  
Additionally 2 x G 1/2" internal thread on the side downwards, hub distance depends on length, flow available on the left or right.  
Suitable for one-pipe system.
- **Air vent:** G 1/4" upwards, on the left
- **Operating pressure:** max. 6 bar
- **Test pressure:** 7.8 bar
- **Operating conditions:** Hot water up to 110 °C.  
Additional electric operation possible (max. flow temperature 80 °C).  
With centre connection: electric heating rod can be retrofitted.  
With side connection: electric heating rod cannot be retrofitted, as the required T-piece will change the connection position.

## Information – Additional electric operation

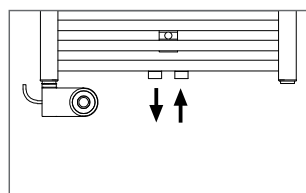
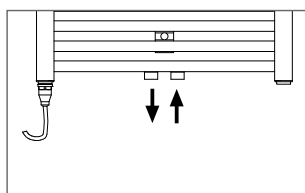


### Prices and electrical set wattage rating (additional electric operation)

Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
	1500 watts / AC 230 V	1 piece	ZE0103 0007	<b>306.00</b>	ZE0103 0084	<b>428.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
	1500 watts / AC 230 V	1 piece	ZE0100 0007	<b>306.00</b>	ZE0100 0042	<b>368.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
	1500 watts / AC 230 V	1 piece	ZE0101 0007	<b>428.00</b>	ZE0101 0042	<b>490.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>
	1500 watts / AC 230 V	1 piece	ZE0315 0007	ZE0315 0014	ZE0315 0021	<b>562.00</b>

For additional electric operation, please order the appropriate electrical set for Duett. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 113. For technical description, see page 119.

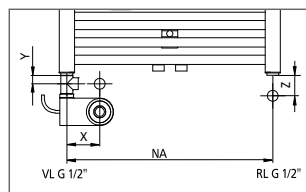
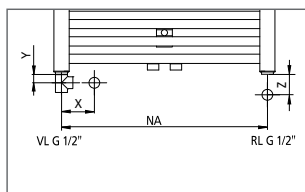
### Duett connection with additional electric operation



Connection of flow and return via 50 mm centre connection: installation of an electric heating rod in the left or right manifold pipe is possible without any restrictions.

#### Please note:

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator.



For the installation of an electric heating rod in the heating flow or return, a T-piece is mandatory (connections 2 x G 1/2" internal thread, 1 x G 1/2" external thread). This changes the position of the pipes in relation to the radiator horizontally (dimension X) and vertically (dimension Y) – depending on the angle valve and T-piece used. When the T-piece ZT00560001 is used, Y = 19 mm. When the angle valve available as an accessory is used (connection on the left: ZV00300003, connection on the right: ZV00300004), Z = 60 mm. For this reason, upgrade of an electric heating rod is not possible after the radiator has already been installed.



# Duett®-E



## Product benefits

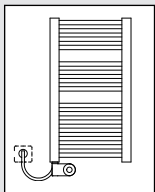
- Radiator for all-electric operation
- Double-layered for high heat demand
- Hot-dip galvanised or anti-corrosion coating available. For technical description, see page 231



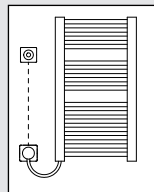
## Scope of delivery

- Fixing set included satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Filled with non-combustible, non-toxic heat transfer fluid. Frostproof to approx. -15 °C. Electric heating rod pre-installed, including electronic control and control element (electrical set: FKS, WKS, WFS, or WRX).
- Electrical set FKS, WKS, WFS, or WRX. For technical description, see page 119

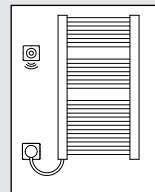
## Versions



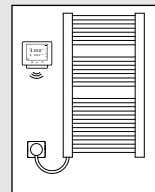
Electrical set FKS on the left  
Version I white  
Version chrome-silver



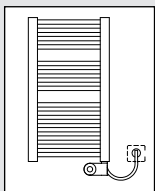
Electrical set WKS on the left  
Version C white  
Version titanium



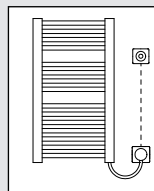
Electrical set WFS on the left  
Version E white  
Version titanium



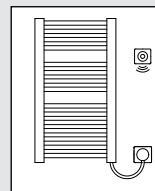
Electrical set WRX on the left  
Version T white/white  
Version white/black, black/black



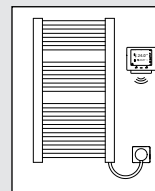
Electrical set FKS on the right  
Version J white  
Version chrome-silver



Electrical set WKS on the right  
Version D white  
Version titanium



Electrical set WFS on the right  
Version F white  
Version titanium



Electrical set WRX on the right  
Version S white/white  
Version white/black, black/black

## Accessories



Extensive quality features  
far in excess of the standard.



## Price information – All-electric operation

Painted radiator					EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Heat output in watts	Product code	Price 1	Price 2	Price 3	Price 4	Price 5	Price 6
			E-set *		Radiator in standard colour, white (RAL 9016), incl.			Radiator according to Kermi colour concept incl.		
					FKS/WKS in white	WFS in white	WRX in white/white	FKS/WKS in white	WFS in white	WRX in white/white
1188	484	74	800	DUE20120045 .. XK	996.00	1116.00	1251.00	1152.00	1272.00	1407.00
1188	634	74	1200	DUE20120060 .. XK	1026.00	1149.00	1282.00	1188.00	1311.00	1444.00
1188	784	74	1500	DUE20120075 .. XK	1056.00	1178.00	1312.00	1224.00	1346.00	1480.00
1188	934	74	1500	DUE20120090 .. XK	1080.00	1202.00	1336.00	1254.00	1376.00	1510.00
1492	484	74	1200	DUE20150045 .. XK	1098.00	1221.00	1354.00	1278.00	1401.00	1534.00
1492	634	74	1500	DUE20150060 .. XK	1128.00	1250.00	1384.00	1314.00	1436.00	1570.00
1492	784	74	1500	DUE20150075 .. XK	1152.00	1274.00	1408.00	1344.00	1466.00	1600.00
1492	934	74	1500	DUE20150090 .. XK	1178.00	1300.00	1434.00	1376.00	1498.00	1632.00
1796	484	74	1200	DUE20180045 .. XK	1196.00	1319.00	1452.00	1400.00	1523.00	1656.00
1796	634	74	1500	DUE20180060 .. XK	1227.00	1349.00	1483.00	1437.00	1559.00	1693.00
1796	784	74	1500	DUE20180075 .. XK	1251.00	1373.00	1507.00	1467.00	1589.00	1723.00
1796	934	74	1500	DUE20180090 .. XK	1285.00	1407.00	1541.00	1510.00	1632.00	1766.00

- Electrical set FKS in chrome silver: + EUR 122.00
- Electrical set (WKS, WFS) in titanium: + EUR 62.00
- Hot-dip galvanised (RAL 9016 textured): **on request**
- Anti-corrosion coating (RAL 9016): **on request**
- Anti-corrosion coating (colour): **on request**

When ordering, please state: colour, version. See page 257.

### Ordering example 1:

Duett-E 1492 x 484 mm in white (RAL 9016),  
electrical set WFS on the right in white

**Product code:** DUE20150045 2 F XK

### Ordering example 2:

Duett-E 1492 x 484 mm in circonsilver Metallic,  
electrical set WFS on the right in titanium

**Product code:** DUE20150045 Radiator colour circonsilver Metallic,  
electrical set WFS on the right in titanium

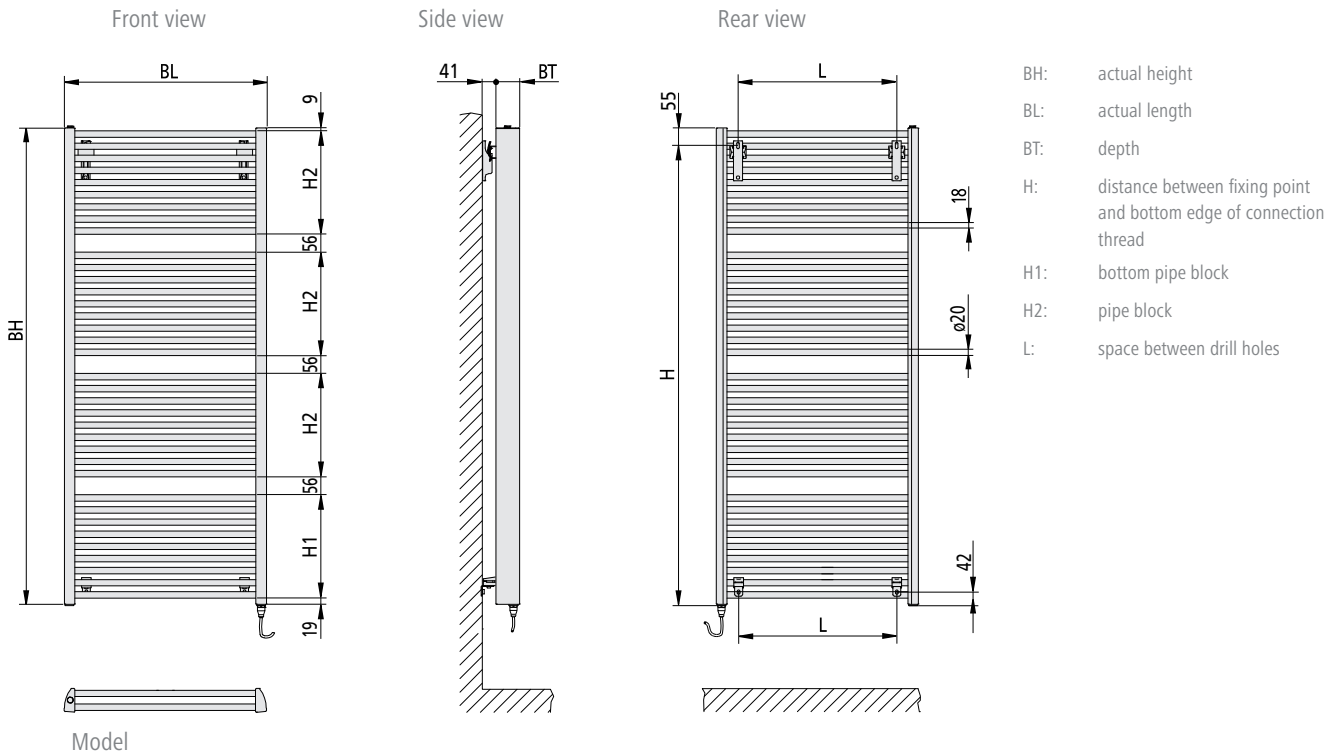
**Price:** Radiator with WFS in white 1401.00 EUR + surcharge for electrical set  
in titanium 62.00 EUR = complete price 1463.00 EUR



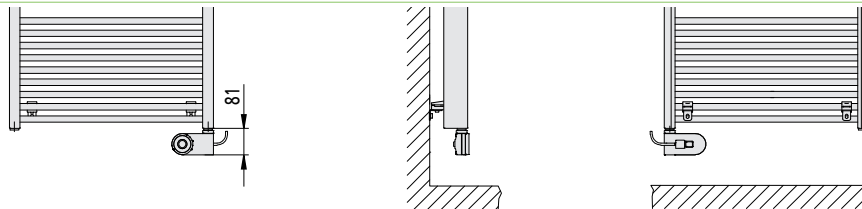
\* Please note: The specified power of the heating rod refers to the maximum electric power consumption. It should not be compared to the standard heat output of a radiator according to EN 442. An automatic control prevents overheating of the radiator during electric heating operation. Therefore, the maximum electrical power consumption is not constantly available for conversion into heat output. At normal room temperatures, the resulting heat output of the radiator is approx. 75 % of the stated maximum electrical power consumption of the heating rod.

## Technical information – All-electric operation

### Duett-E dimensions



### Electrical set FKS connection



The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	H mm	L mm	H1 mm	H2 mm	Weight kg
1188	484	74	1135	347	248	248	29,30
1188	634	74	1135	497	248	248	35,40
1188	784	74	1135	647	248	248	41,60
1188	934	74	1135	797	248	248	47,80
1492	484	74	1439	347	324	324	36,90
1492	634	74	1439	497	324	324	44,70
1492	784	74	1439	647	324	324	52,40
1492	934	74	1439	797	324	324	60,30
1796	484	74	1743	347	400	400	44,50
1796	634	74	1743	497	400	400	53,90
1796	784	74	1743	647	400	400	63,40
1796	934	74	1743	797	400	400	72,80

#### Please note:

VDE 0100 part 701 must be observed during installation! For division into protected areas, see page 230. During installation, a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on site.

- **Connections:** The electric heating rod is pre-installed at the bottom in the manifold pipe.  
Installation of the wall elements on a empty socket or wall mounting with anchors.  
Protection type IPX4
- **Test pressure:** 7.8 bar

- **Operating conditions:** The Duett-E model is operated as an all-electric radiator.  
The electric heating rod is connected via the wall outlet or plug to 230 V 50 Hz AC.

#### Electrical set FKS



Electrical set FKS, white



Electrical set FKS, chrome silver

The FKS version consists of an electronically regulated heating rod incl. controller (protection type IPX4) that is installed on the radiator. Length of cable on heating rod: approx. 1.2 m. The controller can be modified to be installed either on the right or left side of the radiator. Version with plug for direct connection to a socket. The controller is available in white and chrome silver.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function during commissioning possible
- "Open window" detection

#### Electrical set WKS



Electrical set WKS, white



Electrical set WKS, titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

#### Electrical set WFS



Electrical set WFS, white



Electrical set WFS, titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

#### Electrical set WRX



Electrical set WRX  
white/white



Electrical set WRX  
black/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to programme and control various functions.

#### Controller functions:

- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly programme (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30-120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection



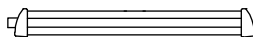
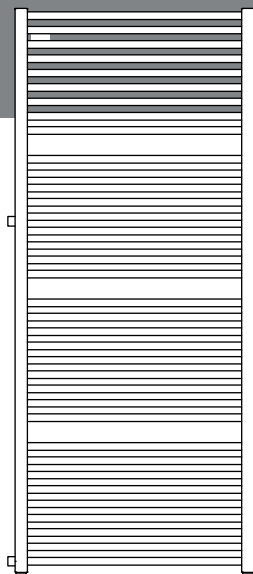
Electrical set WRX  
black/white

# Change easily to modern bathroom heating



# Duett<sup>®</sup>-D

- Fast, economical replacement solution thanks to DIN hub distances
- Clear, classic, double-layered
- Maximum standard heat output of 2297 watts
- Also suitable for low-temperature applications (e.g. heat pump)
- Version with additional electric heating



Duett-D  
Replacement radiator  
page 122

# Duett®-D



## Product benefits

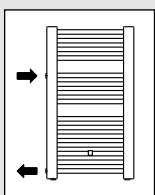
- Replacement radiator with variable hub distance on the side for hot water operation
- Easy replacement of DIN radiators and steel panel radiators
- Connections on the left or right side in manifold pipe
- Additional electric operation possible, heating rod can be retrofitted
- Hot-dip galvanised or anti-corrosion coating available. For technical description, see page 231



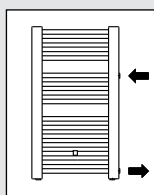
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

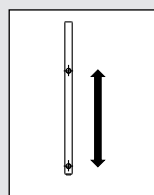
## Versions



Version **L**  
side connection on the left

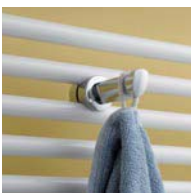


Version **R**  
side connection on the right



Hub distance on side in mm  
(NA min. 450 mm)

## Accessories



Extensive quality features  
far in excess of the standard.

## Pricing information – Hot water operation

Painted radiator									EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
1188	484	74	1.2403	800	834	951 1038	596 366	DUN2D120045 . . XK	736.00	920.00
1188	634	74	1.2414	1200	1089	1242 1355	778 478	DUN2D120060 . . XK	760.00	950.00
1188	784	74	1.2424	1500	1343	1532 1672	959 589	DUN2D120075 . . XK	784.00	980.00
1188	934	74	1.2435	1500	1597	1822 1988	1140 700	DUN2D120090 . . XK	809.00	1011.00
1492	484	74	1.2465	1200	1020	1164 1271	728 446	DUN2D150045 . . XK	833.00	1041.00
1492	634	74	1.2466	1500	1332	1520 1659	950 583	DUN2D150060 . . XK	856.00	1070.00
1492	784	74	1.2467	1500	1643	1875 2047	1172 719	DUN2D150075 . . XK	882.00	1103.00
1492	934	74	1.2467	1500	1953	2229 2433	1393 854	DUN2D150090 . . XK	906.00	1133.00
1796	484	74	1.2472	1200	1200	1369 1495	856 525	DUN2D180045 . . XK	929.00	1161.00
1796	634	74	1.2497	1500	1567	1789 1953	1117 684	DUN2D180060 . . XK	954.00	1193.00
1796	784	74	1.2522	1500	1932	2206 2409	1376 842	DUN2D180075 . . XK	977.00	1221.00
1796	934	74	1.2547	1500	2297	2623 2866	1635 1000	DUN2D180090 . . XK	1014.00	1268.00

- Hot-dip galvanised (RAL 9016 textured): Price 1 x factor 2.8
- Anti-corrosion coating (RAL 9016): + 40 % on price 1
- Anti-corrosion coating (colour): on request
- Special solutions: on request

### Ordering example 1:

Duett-D 1796x934 mm in white (RAL 9016), side connection on the left, hub distance 500 mm

**Product code: DUN2D180090 2 L XK hub distance 500 mm**

### Ordering example 2:

Duett-D 1796x934 mm in circonsilver Metallic, side connection on the left, hub distance 500 mm

**Product code: DUN2D180090 Radiator colour circonsilver Metallic, side connection on the left, hub distance 500 mm**

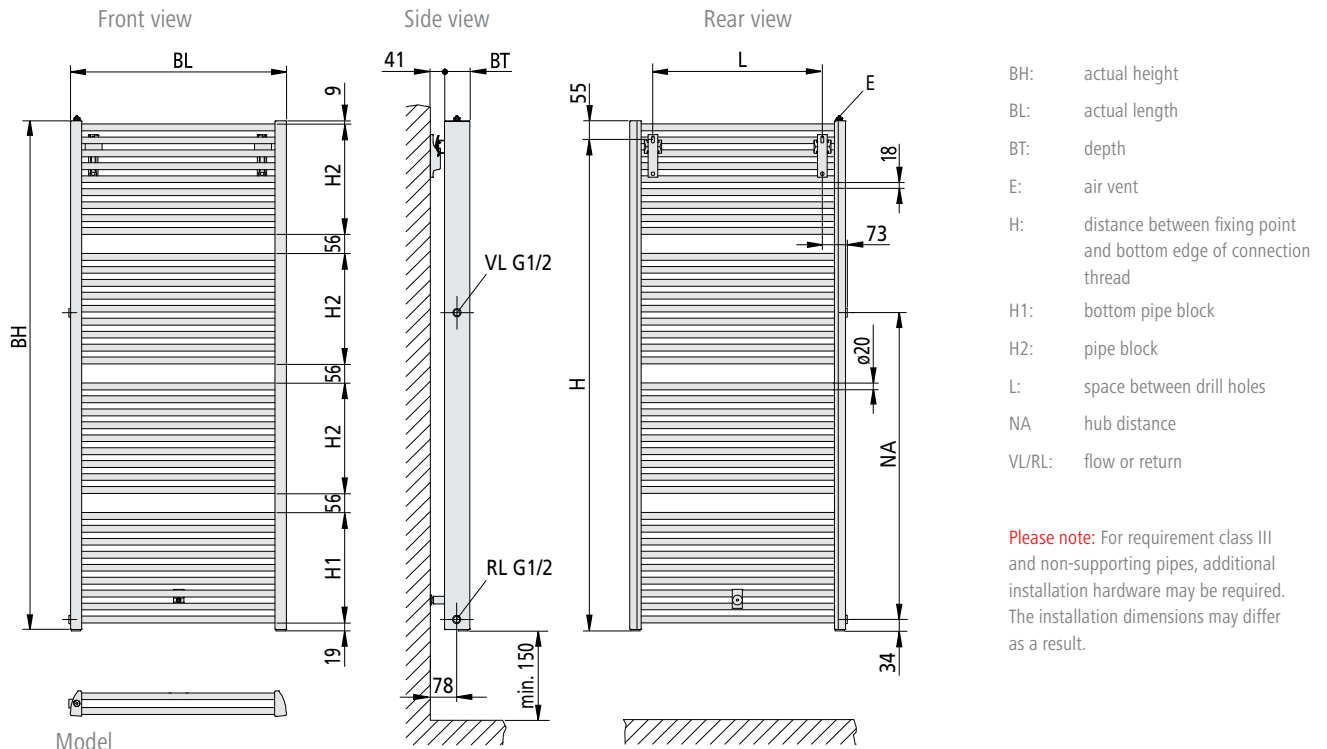
When ordering, please state: colour, version. See page 257.



For additional electric operation, please order the appropriate electrical set for Duett-D on page 125

## Technical information – Hot water operation

### Duett-D dimensions



Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA min. 450 mm	H mm	L mm	H1 mm	H2 mm	Weight kg	Water content l
1188	484	74	variable	1135	347	248	248	19,20	10,10
1188	634	74		1135	497	248	248	23,20	12,30
1188	784	74		1135	647	248	248	27,20	14,50
1188	934	74		1135	797	248	248	31,20	16,80
1492	484	74		1439	347	324	324	24,20	12,80
1492	634	74		1439	497	324	324	29,30	15,60
1492	784	74		1439	647	324	324	34,30	18,40
1492	934	74		1439	797	324	324	39,40	21,30
1796	484	74		1743	347	400	400	29,20	15,50
1796	634	74		1743	497	400	400	35,30	18,90
1796	784	74		1743	647	400	400	41,50	22,40
1796	934	74		1743	797	400	400	47,70	25,80



For characteristic equation, see page 250.

- Connections: 2 x G 1/2" internal thread on the left or right side in manifold pipe, hub distance freely selectable starting at 450 mm.  
Flow at top.
- Air vent: G 1/4" upwards, on the left
- Operating pressure: max. 6 bar

- Test pressure: 7.8 bar
- Operating conditions: Hot water up to 110 °C.  
Additional electric operation possible (max. flow temperature 80 °C), electric heating rod can be retrofitted.



## Information – Additional electric operation




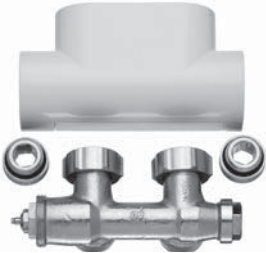
### Prices and electrical set wattage rating (additional electric operation)

Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
	1500 watts / AC 230 V	1 piece	ZE0103 0007	<b>306.00</b>	ZE0103 0084	<b>428.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
	1500 watts / AC 230 V	1 piece	ZE0100 0007	<b>306.00</b>	ZE0100 0042	<b>368.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
	1500 watts / AC 230 V	1 piece	ZE0101 0007	<b>428.00</b>	ZE0101 0042	<b>490.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>
	1500 watts / AC 230 V	1 piece	ZE0315 0007	ZE0315 0014	ZE0315 0021	<b>562.00</b>

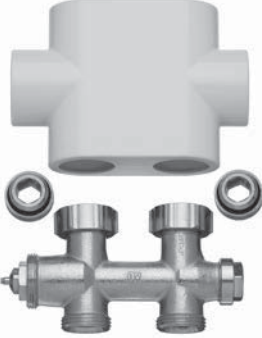





For additional electric operation, please order the appropriate electrical set for Duett-D. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 123. For technical description, see page 119.

# Duett<sup>®</sup>, Duett<sup>®</sup>-E, Duett<sup>®</sup>-D

## Accessories




Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Towel hook</b>					
	Additional depth with towel hook installed + 63 mm.				
	Surface aluminium-lacquered	ZC0101 0001	1	piece	51.75 / piece
	Surface chrome-plated	ZC0101 0002	1	piece	75.83 / piece
<b>Towel rail straight</b>					
	Additional depth with towel rail installed + 63 mm.				
	Suitable for length of 934 mm. Can be cut to lengths of 484, 634 and 784 mm.				
	Surface aluminium-lacquered	ZC0102 0001	1	piece	97.70 / piece
	Surface chrome-plated	ZC0102 0002	1	piece	206.98 / piece
<b>Cleaning brush</b>					
					
	Cleaning brush, three-piece	ZK0013 0002	1	piece	61.74 / piece
<b>Valve shut-off block set, angled</b>					
	For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4". Connections to the pipe system 3/4" euro taper (external thread). Connection for thermostatic sensor head M30 x 1.5. Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection). By setting the bypass spindle also suitable for one-pipe system! The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).				
	<b>Set comprising:</b> 1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve, 1 decorative cover, 2 pipe reducing nipples.				
	<b>Attention: Note the flow direction in the radiator.</b>				
	Cover white	ZV0041 0001	1	piece	73.95 / piece
	Cover chrome	ZV0041 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0041 0003	1	piece	123.05 / piece

## Accessories




Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Valve shut-off block, straight</b>					
	<p>For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4". Connections to the pipe system 3/4" euro taper (external thread). Connection for thermostatic sensor head M30 x 1.5. Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection). By setting the bypass spindle also suitable for one-pipe system! The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p> <p><b>Set comprising:</b> 1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve, 1 decorative cover, 2 pipe reducing nipples.</p> <p><b>Attention: Note the flow direction in the radiator.</b></p>				
	Cover white	ZV0040 0001	1	piece	73.95 / piece
	Cover chrome	ZV0040 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0040 0003	1	piece	123.05 / piece
<b>Thermostatic sensor head</b>					
	White	ZV0038 0003	1	piece	25.12 / piece
	Chrome	ZV0038 0001	1	piece	29.70 / piece
	Stainless steel appearance	ZV0038 0002	1	piece	38.30 / piece
<b>Angle valve</b>					
<b>Surface chrome-plated</b>					
	<p><b>Angle valve for left connection.</b> DN 15 1/2" (thermostatic sensor head on the right), M30 x 1.5</p>	ZV0030 0003	1	piece	152.38 / piece
	<p><b>Angle valve for right connection.</b> DN 15 1/2" (thermostatic sensor head on the left), M30 x 1.5</p>	ZV0030 0004	1	piece	152.38 / piece

# Duett<sup>®</sup>, Duett<sup>®</sup>-E, Duett<sup>®</sup>-D

## Accessories

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Angled return fitting</b>					
	<p><b>Surface chrome-plated</b></p>				
	DN 15 1/2"	ZV0018 0002	1	piece	118.84 / piece
<b>Wall bracket set (short)</b>					
	<p>For Duett-D Note: The wall brackets (short) can also be used for Duett and Duett-E if other distances to the wall are required to compensate for projecting tiles or similar.</p> <p><b>Set comprising:</b> 1 wall bracket short, 2 screws, 2 washers, 2 anchors, 1 sound insulation clip, 1 dehinging safety device for wall bracket.</p> <p><b>Note: 2 brackets are required per radiator.</b></p>				
Suitable for requirement classes I and II.	<b>Wall bracket 40 for distance to wall (W) 51 mm.</b> <b>Visible parts white.</b>				
	Wall distance 40 mm, suspension point 33 mm	ZB0282 0002	1	piece	5.30 / piece
	* Please state colour and distance to wall when ordering:				
	Visible parts in colour	ZB0282*	1	piece	6.63 / piece
	<b>Wall bracket 50 for distance to wall (W) 61 mm.</b> <b>Visible parts white</b>				
	Wall distance 50 mm, suspension point 43 mm	ZB0282 0003	1	piece	5.30 / piece
	* Please state colour and distance to wall when ordering:				
	Visible parts in colour	ZB0282*	1	piece	6.63 / piece
<b>Spacer</b>					
	<p>For Duett, Duett-D. Additional installation hardware for connection situations differing from Appendix D in accordance with VDI 6036 (non-supporting pipes)</p>				
	Visible parts white	ZB0329 0001	1	piece	36.62 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0329*	1	piece	45.78 / piece

## Spare parts

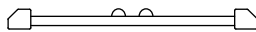
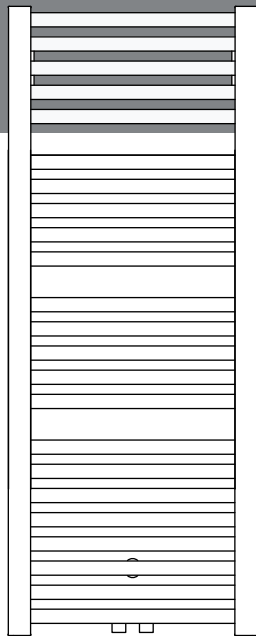
Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	<p>For Duett, Duett-D.</p> <p><b>Set comprising:</b></p> <p>2 wall brackets for distance to wall of 41 mm, 4 screws 8 x 80, 4 screw covers 4 washers, 4 anchors Ø 10, 2 dehinging safety devices, 1 adjustable wall support, 1 screw 5.5 x 80, 1 anchor Ø 8, 1 air vent plug.</p>				
Suitable for requirement classes I and II.	Visible parts white	ZB0292 0001	1	piece	36.33 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0292*	1	piece	45.41 / piece
<b>Fixing set</b>					
	<p>For Duett-E.</p> <p><b>Set comprising:</b></p> <p>2 anchors 10 x 60, 2 screws Ø 13 x 8, 2 screw covers, 2 washers Ø 8.4, 2 wall brackets, 4 sound insulation clips, 2 dehinging safety devices white, 1 anchor Ø 6, 1 screw 4 x 60, 1 wall support with snap-on pin, 1 air vent plug.</p>				
Suitable for requirement classes I and II.	Visible parts white	ZB0336 0001	1	piece	46.38 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0336*	1	piece	57.98 / piece
<b>Air vent plug</b>					
	<p>Ø 1/4"</p> <p><b>Set comprising 10 pieces.</b></p>				
		ZT0054 0001	10	piece	4.05 / piece

# Surprising form, attractive appearance

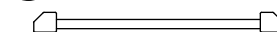
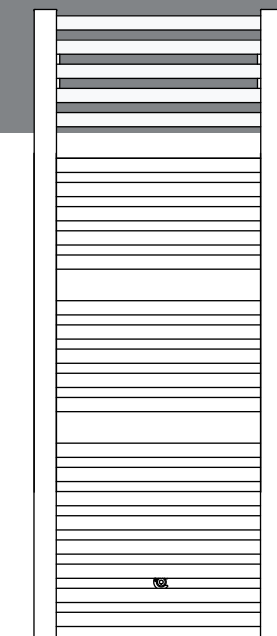


# Geneo<sup>®</sup> quadris

- Side connection or 50 mm centre connection available
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- Version with additional electric heating
- Geneo quadris-E for all-electric operation



Geneo quadris  
Compact radiators  
page 132



Geneo quadris-E  
All-electric radiators  
page 138

# Geneo® quadris



## Product benefits

- Compact radiator for hot water operation
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- Easy installation, fixing not visible from the front
- 50 mm centre connection or side connections downwards, hub distance depends on length
- Additional electric operation possible, heating rod can be retrofitted with centre connection, cannot be retrofitted with side connection
- Anti-corrosion coating available. For technical description, see page 231

## Accessories



## x-link plus connection fitting



Possible from BL 596 mm.  
For prices and description of x-link plus, see page 234



## Scope of delivery


- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour



Extensive quality features far in excess of the standard.



## Pricing information – Hot water operation

 <b>Prices and heat output</b>										
Painted radiator									EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
814	447	32	1.2446	400	343	391 427	245 150	GQN1M080045 . XXX	456.00	570.00
814	596	32	1.2335	400	447	509 556	320 197	GQN1M080060 . XXX	468.00	585.00
814	746	32	1.2207	600	568	646 704	408 253	GQN1M080075 . XXX	526.00	658.00
814	896	32	1.2086	800	680	773 841	490 305	GQN1M080090 . XXX	544.00	680.00
1174	447	32	1.2464	400	487	556 607	347 213	GQN1M120045 . XXX	555.00	694.00
1174	596	32	1.2376	600	636	725 791	455 280	GQN1M120060 . XXX	544.00	680.00
1174	746	32	1.2275	800	807	919 1002	579 358	GQN1M120075 . XXX	589.00	736.00
1174	896	32	1.2181	800	966	1099 1197	695 431	GQN1M120090 . XXX	670.00	838.00
1494	447	32	1.2480	600	617	704 769	440 270	GQN1M150045 . XXX	622.00	778.00
1494	596	32	1.2413	800	805	918 1002	575 353	GQN1M150060 . XXX	651.00	814.00
1494	746	32	1.2337	1200	1022	1165 1270	732 451	GQN1M150075 . XXX	691.00	864.00
1494	896	32	1.2265	1200	1224	1394 1519	878 543	GQN1M150090 . XXX	783.00	979.00
1774	447	32	1.2496	800	732	836 912	522 320	GQN1M180045 . XXX	693.00	866.00
1774	596	32	1.2434	800	956	1091 1190	683 419	GQN1M180060 . XXX	716.00	895.00
1774	746	32	1.2362	1200	1213	1383 1508	868 534	GQN1M180075 . XXX	786.00	983.00
1774	896	32	1.2295	1500	1453	1655 1805	1041 643	GQN1M180090 . XXX	895.00	1119.00

- Anti-corrosion coating (RAL 9016): **+ 40 %** on price 1
- Anti-corrosion coating (colour): **on request**
- Special solutions: **on request**

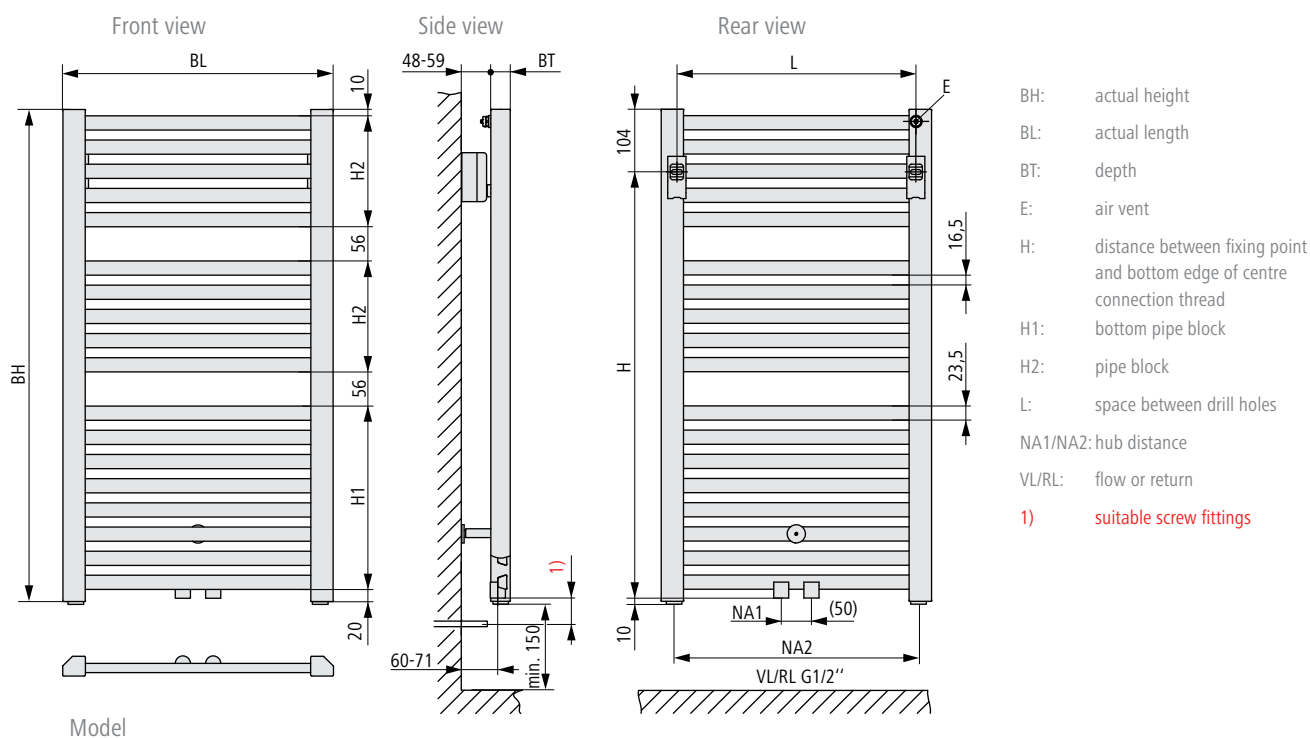
When ordering, please state: colour. See page 257.



For additional electric operation, please order the appropriate electrical set for Geneo quadris on page 136

## Technical information – Hot water operation

### Geneo quadris dimensions



Distance from bottom edge of radiator to floor min. 150 mm.

The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA1 mm	NA2 mm	H mm	L mm	H1 mm	H2 mm	Weight kg	Water content l
814	447	32	50	404	705	395	303,5	183,5	7,10	2,90
814	596	32	50	553	705	544	303,5	183,5	8,90	3,50
814	746	32	50	703	705	694	303,5	183,5	10,60	4,00
814	896	32	50	853	705	844	303,5	183,5	12,40	4,60
1174	447	32	50	404	1065	395	423,5	183,5	10,10	4,10
1174	596	32	50	553	1065	544	423,5	183,5	12,70	5,00
1174	746	32	50	703	1065	694	423,5	183,5	15,20	5,80
1174	896	32	50	853	1065	844	423,5	183,5	17,70	6,70
1494	447	32	50	404	1385	395	503,5	183,5	12,80	5,20
1494	596	32	50	553	1385	544	503,5	183,5	16,00	6,30
1494	746	32	50	703	1385	694	503,5	183,5	19,20	7,40
1494	896	32	50	853	1385	844	503,5	183,5	22,40	8,50
1774	447	32	50	404	1665	395	543,5	183,5	15,20	6,20
1774	596	32	50	553	1665	544	543,5	183,5	19,00	7,50
1774	746	32	50	703	1665	694	543,5	183,5	22,70	8,70
1774	896	32	50	853	1665	844	543,5	183,5	26,50	10,00








For characteristic equation,  
see page 250.

- Connections: 2 x G 1/2" internal thread at centre downwards, hub distance 50 mm, flow available on the left or right.  
Additionally 2 x G 1/2" internal thread on the side downwards, hub distance depends on length, flow available on the left or right.  
Suitable for one-pipe system.
- Air vent: G 1/4" backwards, on the left
- Operating pressure: max. 6 bar
- Test pressure: 7.8 bar
- Operating conditions: Hot water up to 110 °C.  
Additional electric operation possible (max. flow temperature 80 °C).  
With centre connection: electric heating rod can be retrofitted.  
With side connection: electric heating rod cannot be retrofitted, as the required T-piece will change the connection position.

## Information – Additional electric operation

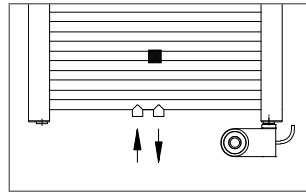
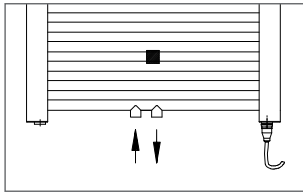


### Prices and electrical set wattage rating (additional electric operation)

Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electric heating rod</b> in white</p> <p>Due to legal requirements regarding electrical safety and energy consumption, an additional control device needs to be provided on site.</p>	400 watts / AC 230 V	1 piece	ZE0066 0002	<b>206.21</b>		
	600 watts / AC 230 V	1 piece	ZE0066 0003	<b>209.69</b>		
	800 watts / AC 230 V	1 piece	ZE0066 0004	<b>223.67</b>		
	1200 watts / AC 230 V	1 piece	ZE0066 0005	<b>244.65</b>		
	1500 watts / AC 230 V	1 piece	ZE0066 0032	<b>252.47</b>		
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	400 watts / AC 230 V	1 piece	ZE0103 0003	<b>279.00</b>	ZE0103 0080	<b>401.00</b>
	600 watts / AC 230 V	1 piece	ZE0103 0004	<b>286.00</b>	ZE0103 0081	<b>408.00</b>
	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
	1500 watts / AC 230 V	1 piece	ZE0103 0007	<b>306.00</b>	ZE0103 0084	<b>428.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	400 watts / AC 230 V	1 piece	ZE0100 0003	<b>279.00</b>	ZE0100 0038	<b>341.00</b>
	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
	1500 watts / AC 230 V	1 piece	ZE0100 0007	<b>306.00</b>	ZE0100 0042	<b>368.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	400 watts / AC 230 V	1 piece	ZE0101 0003	<b>402.00</b>	ZE0101 0038	<b>464.00</b>
	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
	1500 watts / AC 230 V	1 piece	ZE0101 0007	<b>428.00</b>	ZE0101 0042	<b>490.00</b>
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	400 watts / AC 230 V	1 piece	ZE0315 0003	ZE0315 0010	ZE0315 0017	<b>537.00</b>
	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>
	1500 watts / AC 230 V	1 piece	ZE0315 0007	ZE0315 0014	ZE0315 0021	<b>562.00</b>

For additional electric operation, please order the appropriate electrical set for Geneo quadris. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 133. For technical description, see page 142.

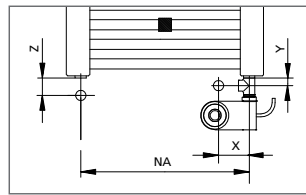
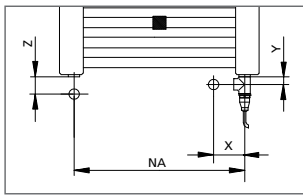
**Geno quadris connection with additional electric operation**



Connection of flow and return via 50 mm centre connection: installation of an electric heating rod in the left or right manifold pipe is possible without any restrictions.

**Please note:**

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator.



For the installation of an electric heating rod in the heating flow or return, a T-piece is mandatory (connections 2 x G 1/2" internal thread, 1 x G 1/2" external thread). This changes the position of the pipes in relation to the radiator horizontally (dimension X) and vertically (dimension Y) – depending on the angle valve and T-piece used. When the T-piece ZT00560001 is used, Y = 19 mm. When the angle valve available as an accessory is used (connection on the left: ZV00300003, connection on the right: ZV00300004), Z = 60 mm. For this reason, upgrade of an electric heating rod is not possible after the radiator has already been installed.



# Geneo® quadris-E



## Product benefits

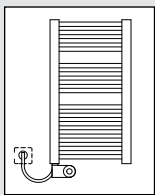
- Radiator for all-electric operation
- Easy installation, fixing not visible from the front
- Anti-corrosion coating available. For technical description, see page 231



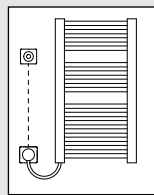
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Filled with non-combustible, non-toxic heat transfer fluid. Frostproof to approx. -15 °C. Electric heating rod pre-installed, including electronic control and control element (electrical set: FKS, WKS, WFS, or WRX).
- Electrical set FKS, WKS, WFS, or WRX. For technical description, see page 142

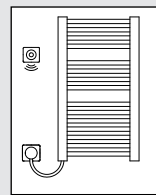
## Versions



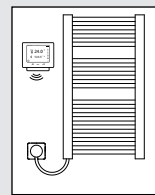
Electrical set FKS on the left  
Version I white  
Version chrome-silver



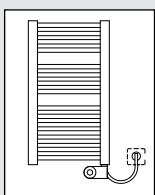
Electrical set WKS on the left  
Version C white  
Version titanium



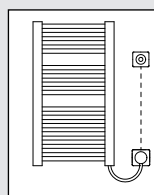
Electrical set WFS on the left  
Version E white  
Version titanium



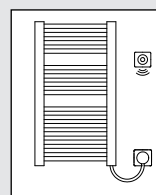
Electrical set WRX on the left  
Version T white/white  
Version white/black, black/black



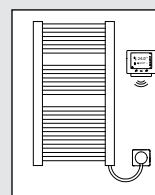
Electrical set FKS on the right  
Version J white  
Version chrome-silver



Electrical set WKS on the right  
Version D white  
Version titanium



Electrical set WFS on the right  
Version F white  
Version titanium



Electrical set WRX on the right  
Version S white/white  
Version white/black, black/black

## Accessories



Extensive quality features far in excess of the standard.

## Price information – All-electric operation

Painted radiator					EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Heat output in watts	Product code	Price 1	Price 2	Price 3	Price 4	Price 5	Price 6
			E-set *		Radiator in standard colour, white (RAL 9016), incl.			Radiator according to Kermi colour concept incl.		
					FKS/WKS in white	WFS in white	WRX in white/white	FKS/WKS in white	WFS in white	WRX in white/white
814	447	32	400	GQE10080045 .. XK	815.00	938.00	1073.00	929.00	1052.00	1187.00
814	596	32	400	GQE10080060 .. XK	827.00	950.00	1085.00	944.00	1067.00	1202.00
814	746	32	600	GQE10080075 .. XK	892.00	1013.00	1148.00	1024.00	1145.00	1280.00
814	896	32	800	GQE10080090 .. XK	918.00	1038.00	1173.00	1054.00	1174.00	1309.00
1174	447	32	400	GQE10120045 .. XK	914.00	1037.00	1172.00	1053.00	1176.00	1311.00
1174	596	32	600	GQE10120060 .. XK	910.00	1031.00	1166.00	1046.00	1167.00	1302.00
1174	746	32	800	GQE10120075 .. XK	963.00	1083.00	1218.00	1110.00	1230.00	1365.00
1174	896	32	800	GQE10120090 .. XK	1044.00	1164.00	1299.00	1212.00	1332.00	1467.00
1494	447	32	600	GQE10150045 .. XK	988.00	1109.00	1244.00	1144.00	1265.00	1400.00
1494	596	32	800	GQE10150060 .. XK	1025.00	1145.00	1280.00	1188.00	1308.00	1443.00
1494	746	32	1200	GQE10150075 .. XK	1071.00	1194.00	1327.00	1244.00	1367.00	1500.00
1494	896	32	1200	GQE10150090 .. XK	1163.00	1286.00	1419.00	1359.00	1482.00	1615.00
1774	447	32	800	GQE10180045 .. XK	1067.00	1187.00	1322.00	1240.00	1360.00	1495.00
1774	596	32	800	GQE10180060 .. XK	1090.00	1210.00	1345.00	1269.00	1389.00	1524.00
1774	746	32	1200	GQE10180075 .. XK	1166.00	1289.00	1422.00	1363.00	1486.00	1619.00
1774	896	32	1500	GQE10180090 .. XK	1281.00	1403.00	1537.00	1505.00	1627.00	1761.00

- Electrical set FKS in chrome silver: + EUR 122.00
- Electrical set (WKS, WFS) in titanium: + EUR 62.00
- Anti-corrosion coating (RAL 9016): on request
- Anti-corrosion coating (colour): on request

When ordering, please state: colour, version. See page 257.

### Ordering example 1:

Geneo quadris-E 1774x596 mm in white (RAL 9016),  
electrical set WFS on the right in white

**Product code:** GQE10180060 2 F XK

### Ordering example 2:

Geneo quadris-E 1774x596 mm in circonsilver Metallic,  
electrical set WFS on the right in titanium

**Product code:** GQE10180060 Radiator colour circonsilver Metallic,  
electrical set WFS on the right in titanium

**Price:** Radiator with WFS in white 1389.00 EUR + surcharge for electrical set  
in titanium 62.00 EUR = complete price 1451.00 EUR

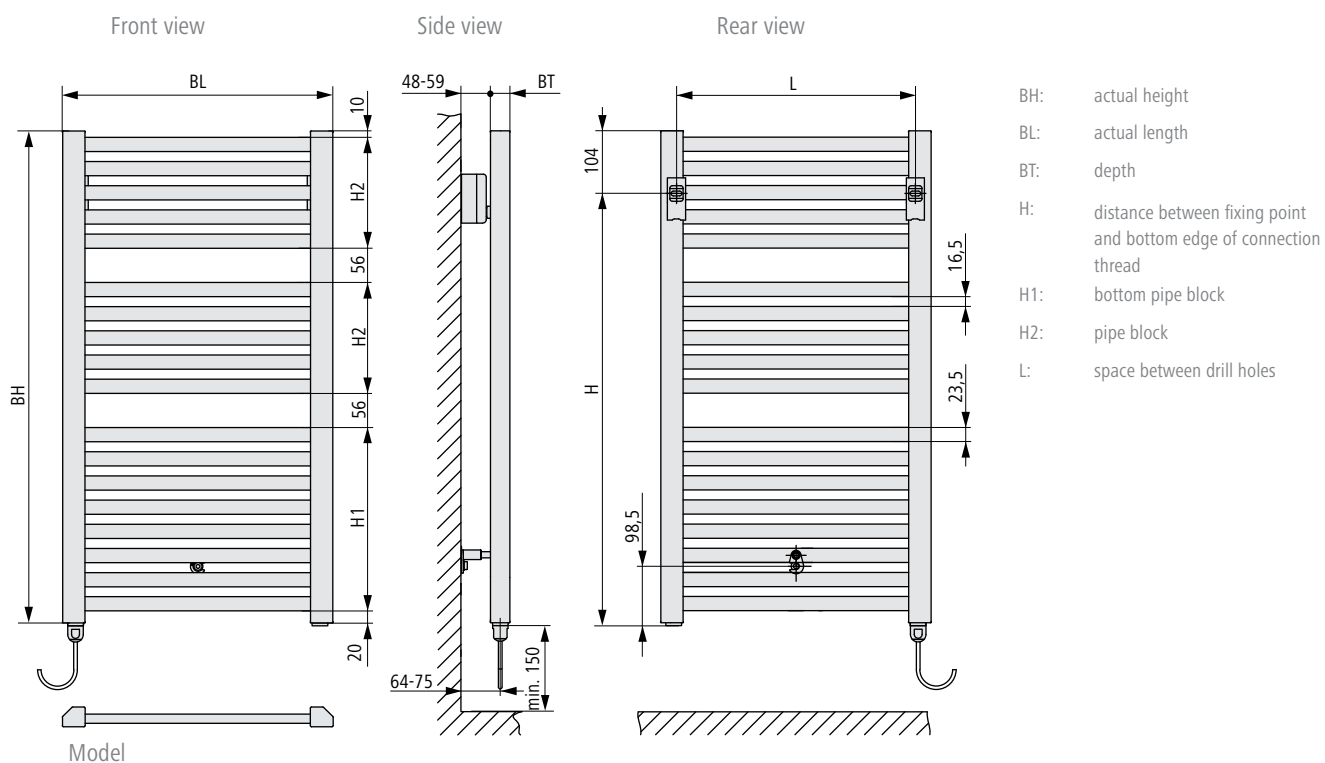


\* Please note: The specified power of the heating rod refers to the maximum electric power consumption. It should not be compared to the standard heat output of a radiator according to EN 442. An automatic control prevents overheating of the radiator during electric heating operation. Therefore, the maximum electrical power consumption is not constantly available for conversion into heat output. At normal room temperatures, the resulting heat output of the radiator is approx. 75 % of the stated maximum electrical power consumption of the heating rod.

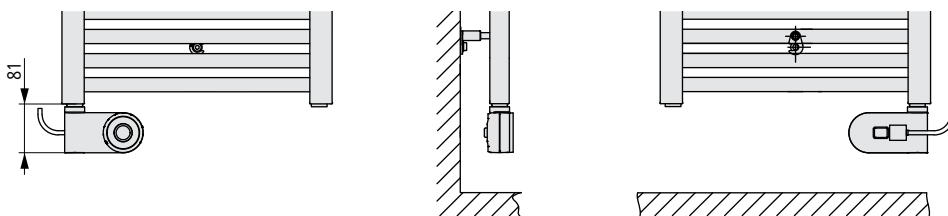
# Geneo<sup>®</sup> quadris-E

## Technical information – All-electric operation

### Geneo quadris-E dimensions



### Electrical set FKS connection



The position of the radiator should be adapted to the individual room setting according to what looks best.



BH mm	BL mm	BT mm	H mm	L mm	H1 mm	H2 mm	Weight kg
814	447	32	715	395	303,5	183,5	10,16
814	596	32	715	544	303,5	183,5	12,53
814	746	32	715	694	303,5	183,5	14,80
814	896	32	715	844	303,5	183,5	17,17
1174	447	32	1075	395	423,5	183,5	14,30
1174	596	32	1075	544	423,5	183,5	17,85
1174	746	32	1075	694	423,5	183,5	21,11
1174	896	32	1075	844	423,5	183,5	24,47
1494	447	32	1395	395	503,5	183,5	18,14
1494	596	32	1395	544	503,5	183,5	22,39
1494	746	32	1395	694	503,5	183,5	26,73
1494	896	32	1395	844	503,5	183,5	30,98
1774	447	32	1675	395	543,5	183,5	21,49
1774	596	32	1675	544	543,5	183,5	26,53
1774	746	32	1675	694	543,5	183,5	31,47
1774	896	32	1675	844	543,5	183,5	36,60

**Please note:**

VDE 0100 part 701 must be observed during installation!  
For division into protected areas, see page 230. During installation, a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on site.

- Connections: The electric heating rod is pre-installed at the bottom in the manifold pipe.  
Installation of the wall elements on a empty socket or wall mounting with anchors.  
Protection type IPX4
- Test pressure: 7.8 bar
- Operating conditions: The Geneo quadris-E model is operated as an all-electric radiator.  
The electric heating rod is connected via the wall outlet or plug to 230 V 50 Hz AC.

# Geneo® quadris-E

## Electrical set FKS



Electrical set FKS, white



Electrical set FKS, chrome silver

The FKS version consists of an electronically regulated heating rod incl. controller (protection type IPX4) that is installed on the radiator. Length of cable on heating rod: approx. 1.2 m. The controller can be modified to be installed either on the right or left side of the radiator. Version with plug for direct connection to a socket. The controller is available in white and chrome silver.

### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function during commissioning possible
- "Open window" detection

## Electrical set WKS



Electrical set WKS, white



Electrical set WKS, titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

## Electrical set WFS



Electrical set WFS, white



Electrical set WFS, titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

## Electrical set WRX



Electrical set WRX white/white



Electrical set WRX black/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to programme and control various functions.

### Controller functions:

- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly programme (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30 - 120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection



Electrical set WRX black/white

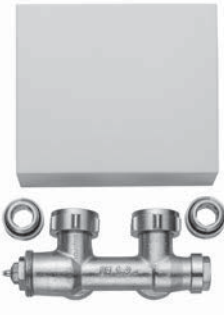
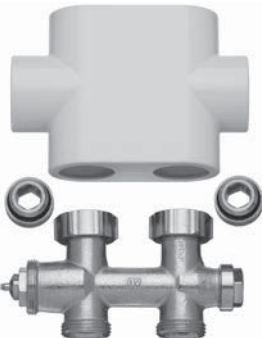


# Geneo® quadris, Geneo® quadris-E

## Accessories




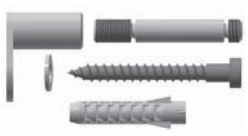
Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Towel hook</b>					
	Additional depth with towel hook installed + 68 mm.				
	Surface aluminium-lacquered	ZC0103 0001	1	piece	51.75 / piece
	Surface chrome-plated	ZC0103 0002	1	piece	75.83 / piece
<b>Towel rail straight</b>					
	Additional depth with towel rail installed + 68 mm.				
	Suitable for length of 896 mm. Can be cut to lengths of 447, 596 and 746 mm.				
	Surface aluminium-lacquered	ZC0104 0001	1	piece	97.70 / piece
	Surface chrome-plated	ZC0104 0002	1	piece	206.98 / piece
<b>Cleaning brush</b>					
					
	Cleaning brush, one-piece	ZK0013 0003	1	piece	27.67 / piece
<b>T-piece</b>					
	For Geneo quadris. For connecting the electric heating rod in heating flow or return.				
	Chrome-plated	ZT0056 0001	1	piece	24.39 / piece
<b>Angle valve</b>					
	For Geneo quadris. <b>Surface chrome-plated</b>				
	<b>Angle valve for left connection.</b> DN 15 1/2" (thermostatic sensor head on the right), M30 x 1.5	ZV0030 0003	1	piece	152.38 / piece
	<b>Angle valve for right connection.</b> DN 15 1/2" (thermostatic sensor head on the left), M30 x 1.5	ZV0030 0004	1	piece	152.38 / piece
<b>Angled return fitting</b>					
	For Geneo quadris. <b>Surface chrome-plated</b>				
	DN 15 1/2"	ZV0018 0002	1	piece	118.84 / piece

## Accessories

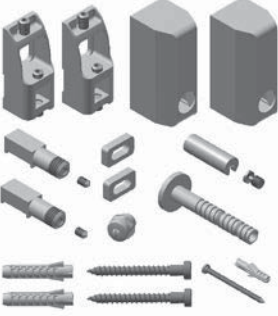
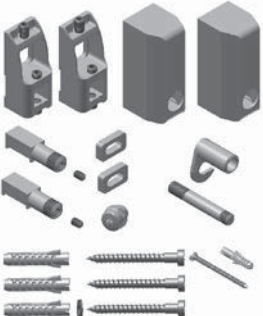

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Valve shut-off block set, angled</b>					
	<p>For Geneo quadris. For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4". Connections to the pipe system 3/4" euro taper (external thread). Connection for thermostatic sensor head M30 x 1.5. Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection). By setting the bypass spindle also suitable for one-pipe system! The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p> <p><b>Set comprising:</b> 1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve, 1 decorative cover, 2 pipe reducing nipples.</p> <p><b>Attention: Note the flow direction in the radiator.</b></p>				
	Cover white	ZV0119 0001	1	piece	86.05 / piece
	Cover chrome	ZV0119 0002	1	piece	123.89 / piece
<b>Valve shut-off block, straight</b>					
	<p>For Geneo quadris. For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4". Connections to the pipe system 3/4" euro taper (external thread). Connection for thermostatic sensor head M30 x 1.5. Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection). By setting the bypass spindle also suitable for one-pipe system! The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p> <p><b>Set comprising:</b> 1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve, 1 decorative cover, 2 pipe reducing nipples.</p> <p><b>Attention: Note the flow direction in the radiator.</b></p>				
	Cover white	ZV0040 0001	1	piece	73.95 / piece
	Cover chrome	ZV0040 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0040 0003	1	piece	123.05 / piece

# Geneo® quadris, Geneo® quadris-E

## Accessories

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Thermostatic sensor head</b>					
	White	ZV0038 0003	1	piece	25.12 / piece
	Chrome	ZV0038 0001	1	piece	29.70 / piece
	Stainless steel appearance	ZV0038 0002	1	piece	38.30 / piece
<b>Spacer</b>					
	<p>For Geneo quadris. Additional installation hardware for connection situations differing from Appendix D in accordance with VDI 6036 (non-supporting pipes).</p>				
	Visible parts white	ZB0347 0001	1	piece	30.54 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0347*	1	piece	38.18 / piece

## Spare parts

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	<p>For Geneo quadris.</p> <p><b>Set comprising:</b></p> <p>2 wall mounts, 2 support pins, 2 elongated washers, 2 anchors ø 10, 2 screws 8 x 80, 1 wall support at bottom, 2 two-piece fixing point covers, 1 air vent plug.</p>				
Suitable for requirement classes I and II.	Visible parts white	ZB0345 0001	1	piece	39.07 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0345*	1	piece	48.84 / piece
<b>Fixing set</b>					
	<p>For Geneo quadris-E.</p> <p><b>Set comprising:</b></p> <p>2 wall mounts, 2 support pins, 2 elongated washers, 2 anchors ø 10, 2 screws 8 x 80, 1 wall support at bottom, 2 two-piece fixing point covers, 1 air vent plug.</p>				
Suitable for requirement classes I and II.	Visible parts white	ZB0346 0001	1	piece	67.13 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0346*	1	piece	83.91 / piece
<b>Air vent plug</b>					
	<p>Ø 1/4"</p> <p><b>Set comprising 10 pieces.</b></p>				
		ZT0054 0001	10	piece	4.05 / piece

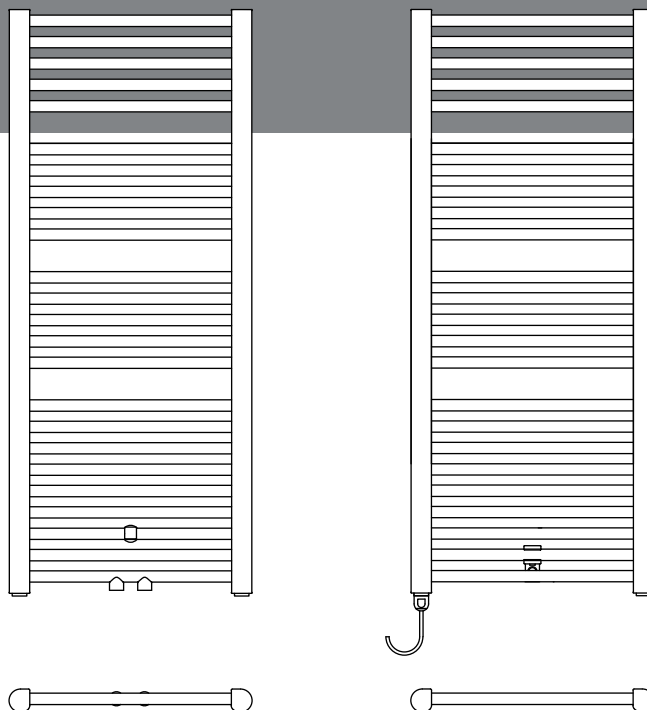
An all-round winner in terms of form, price and performance





# Geneo<sup>®</sup> circle

- Side connection or 50 mm centre connection available
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- Version with additional electric heating
- Geneo circle-E for all-electric operation



Geneo circle  
Compact radiator  
page 150

Geneo circle-E  
All-electric radiator  
page 156

# Geneo® circle



## Product benefits

- Compact radiator for hot water operation
- Connection to x-net underfloor heating possible with x-link plus connection fitting
- Easy installation, fixing not visible from the front
- 50 mm centre connection or side connections downwards, hub distance depends on length
- Additional electric operation possible, heating rod can be retrofitted with centre connection, cannot be retrofitted with side connection
- Anti-corrosion coating available. For technical description, see page 231



## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

## Accessories



## x-link plus connection fitting




Possible from BL 580 mm.  
For prices and description of x-link plus, see page 234



Extensive quality features far in excess of the standard.

## Pricing information – Hot water operation

 <b>Prices and heat output</b>										
Painted radiator									EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C		Radiator in standard colour, white (RAL 9016)	Radiator according to Kermi colour concept
810	431	40	1.2197	400	353	402 438	254 157	GCN1M080045 . XXK	341.00	426.00
810	580	40	1.2139	400	464	528 575	334 207	GCN1M080060 . XXK	352.00	440.00
810	730	40	1.2081	600	574	652 710	414 258	GCN1M080075 . XXK	394.00	493.00
810	880	40	1.2023	800	681	773 842	492 307	GCN1M080090 . XXK	407.00	509.00
1190	431	40	1.2270	600	513	584 637	368 227	GCN1M120045 . XXK	417.00	521.00
1190	580	40	1.2229	800	674	767 836	484 300	GCN1M120060 . XXK	407.00	509.00
1190	730	40	1.2187	800	833	948 1033	599 371	GCN1M120075 . XXK	442.00	553.00
1190	880	40	1.2145	800	989	1125 1225	712 442	GCN1M120090 . XXK	502.00	628.00
1494	431	40	1.2327	600	641	730 797	459 283	GCN1M150045 . XXK	467.00	584.00
1494	580	40	1.2298	800	842	959 1046	603 373	GCN1M150060 . XXK	490.00	613.00
1494	730	40	1.2269	1200	1041	1185 1292	747 461	GCN1M150075 . XXK	518.00	648.00
1494	880	40	1.2239	1200	1236	1407 1534	887 549	GCN1M150090 . XXK	587.00	734.00
1798	431	40	1.2351	800	773	881 961	553 341	GCN1M180045 . XXK	521.00	651.00
1798	580	40	1.2316	1200	1016	1158 1262	728 449	GCN1M180060 . XXK	536.00	670.00
1798	730	40	1.2280	1500	1256	1430 1560	901 556	GCN1M180075 . XXK	589.00	736.00
1798	880	40	1.2244	1500	1491	1697 1850	1070 662	GCN1M180090 . XXK	671.00	839.00

- Anti-corrosion coating (RAL 9016): **+ 40 %** on price 1
- Anti-corrosion coating (colour): **on request**
- Special solutions: **on request**

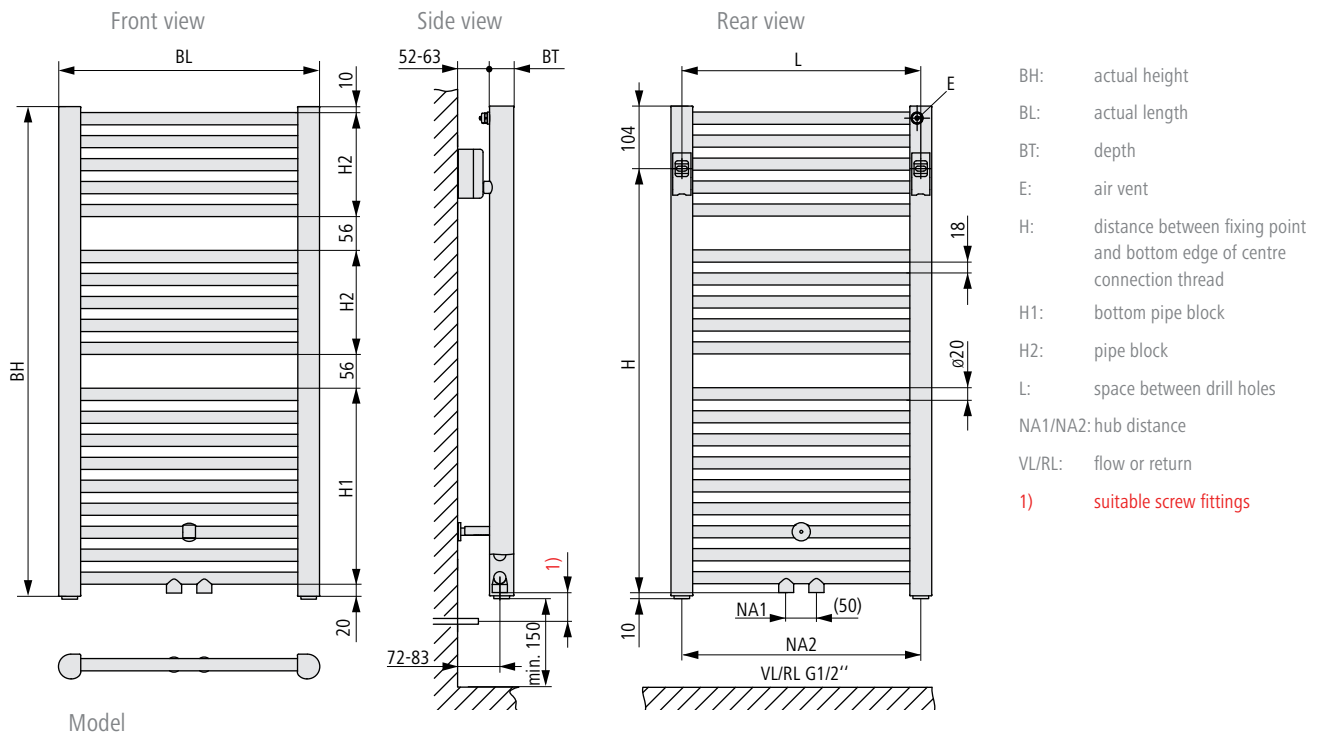
When ordering, please state:  
colour. See page 257.



For additional electric operation, please order the appropriate electrical set for Geneo circle on page 154

## Technical information – Hot water operation

### Geneo circle dimensions



Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.







BH mm	BL mm	BT mm	NA1 mm	NA2 mm	H mm	L mm	H1 mm	H2 mm	Weight kg	Water content l
810	431	40	50	395	701	395	324	172	5,90	3,50
810	580	40	50	544	701	544	324	172	7,30	4,20
810	730	40	50	694	701	694	324	172	8,70	5,00
810	880	40	50	844	701	844	324	172	10,10	5,70
1190	431	40	50	395	1081	395	476	172	8,70	5,10
1190	580	40	50	544	1081	544	476	172	10,70	6,20
1190	730	40	50	694	1081	694	476	172	12,70	7,30
1190	880	40	50	844	1081	844	476	172	14,80	8,40
1494	431	40	50	395	1385	395	552	172	10,90	6,40
1494	580	40	50	544	1385	544	552	172	13,40	7,80
1494	730	40	50	694	1385	694	552	172	15,90	9,10
1494	880	40	50	844	1385	844	552	172	18,40	10,50
1798	431	40	50	395	1689	395	628	172	13,00	7,70
1798	580	40	50	544	1689	544	628	172	16,10	9,30
1798	730	40	50	694	1689	694	628	172	19,20	10,90
1798	880	40	50	844	1689	844	628	172	22,30	12,50



For characteristic equation,  
see page 250.

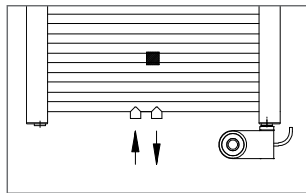
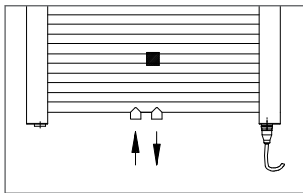
- Connections: 2 x G 1/2" internal thread at centre downwards, hub distance 50 mm, flow available on the left or right.  
Additionally 2 x G 1/2" internal thread on the side downwards, hub distance depends on length, flow available on the left or right.  
Suitable for one-pipe system.
- Air vent: G 1/4" backwards, on the left
- Operating pressure: max. 10 bar
- Test pressure: 13 bar
- Operating conditions: Hot water up to 110 °C.  
Additional electric operation possible (max. flow temperature 80 °C).  
With centre connection: electric heating rod can be retrofitted.  
With side connection: electric heating rod cannot be retrofitted, as the required T-piece will change the connection position.

## Information – Additional electric operation

 <b>Prices and electrical set wattage rating (additional electric operation)</b>						
Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electric heating rod</b> in white</p> <p>Due to legal requirements regarding electrical safety and energy consumption, an additional control device needs to be provided on site.</p>	150 watts / AC 230 V	1 piece	ZE0066 0031	<b>198.44</b>		
	300 watts / AC 230 V	1 piece	ZE0066 0001	<b>202.71</b>		
	400 watts / AC 230 V	1 piece	ZE0066 0002	<b>206.21</b>		
	600 watts / AC 230 V	1 piece	ZE0066 0003	<b>209.69</b>		
	800 watts / AC 230 V	1 piece	ZE0066 0004	<b>223.67</b>		
	1200 watts / AC 230 V	1 piece	ZE0066 0005	<b>244.65</b>		
	1500 watts / AC 230 V	1 piece	ZE0066 0032	<b>252.47</b>		
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	150 watts / AC 230 V	1 piece	ZE0103 0001	<b>268.00</b>	ZE0103 0078	<b>390.00</b>
	300 watts / AC 230 V	1 piece	ZE0103 0002	<b>274.00</b>	ZE0103 0079	<b>396.00</b>
	400 watts / AC 230 V	1 piece	ZE0103 0003	<b>279.00</b>	ZE0103 0080	<b>401.00</b>
	600 watts / AC 230 V	1 piece	ZE0103 0004	<b>286.00</b>	ZE0103 0081	<b>408.00</b>
	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
	1500 watts / AC 230 V	1 piece	ZE0103 0007	<b>306.00</b>	ZE0103 0084	<b>428.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0100 0001	<b>268.00</b>	ZE0100 0036	<b>330.00</b>
	300 watts / AC 230 V	1 piece	ZE0100 0002	<b>274.00</b>	ZE0100 0037	<b>336.00</b>
	400 watts / AC 230 V	1 piece	ZE0100 0003	<b>279.00</b>	ZE0100 0038	<b>341.00</b>
	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
	1500 watts / AC 230 V	1 piece	ZE0100 0007	<b>306.00</b>	ZE0100 0042	<b>368.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0101 0001	<b>390.00</b>	ZE0101 0036	<b>452.00</b>
	300 watts / AC 230 V	1 piece	ZE0101 0002	<b>397.00</b>	ZE0101 0037	<b>459.00</b>
	400 watts / AC 230 V	1 piece	ZE0101 0003	<b>402.00</b>	ZE0101 0038	<b>464.00</b>
	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
	1500 watts / AC 230 V	1 piece	ZE0101 0007	<b>428.00</b>	ZE0101 0042	<b>490.00</b>
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	150 watts / AC 230 V	1 piece	ZE0315 0001	ZE0315 0008	ZE0315 0015	<b>526.00</b>
	300 watts / AC 230 V	1 piece	ZE0315 0002	ZE0315 0009	ZE0315 0016	<b>531.00</b>
	400 watts / AC 230 V	1 piece	ZE0315 0003	ZE0315 0010	ZE0315 0017	<b>537.00</b>
	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>
	1500 watts / AC 230 V	1 piece	ZE0315 0007	ZE0315 0014	ZE0315 0021	<b>562.00</b>

For additional electric operation, please order the appropriate electrical set for Geneo circle. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 151. For technical description, see page 160.

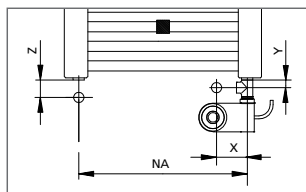
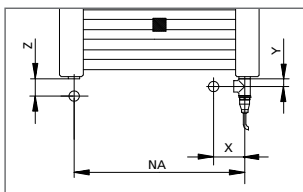
**Geno circle connection with additional electric operation**



Connection of flow and return via 50 mm centre connection: installation of an electric heating rod in the left or right manifold pipe is possible without any restrictions.

**Please note:**

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator.



For the installation of an electric heating rod in the heating flow or return, a T-piece is mandatory (connections 2 x G 1/2" internal thread, 1 x G 1/2" external thread). This changes the position of the pipes in relation to the radiator horizontally (dimension X) and vertically (dimension Y) – depending on the angle valve and T-piece used. When the T-piece ZT00560001 is used, Y = 19 mm. When the angle valve available as an accessory is used (connection on the left: ZV00300003, connection on the right: ZV00300004), Z = 60 mm. For this reason, upgrade of an electric heating rod is not possible after the radiator has already been installed.



# Geneo® circle-E



## Product benefits

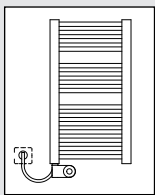
- Radiator for all-electric operation
- Easy installation, fixing not visible from the front
- Anti-corrosion coating available. For technical description, see page 231



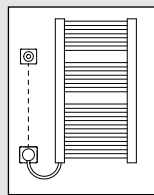
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Filled with non-combustible, non-toxic heat transfer fluid. Frostproof to approx. -15 °C. Electric heating rod pre-installed, including electronic control and control element (electrical set: FKS, WKS, WFS, or WRX).
- Electrical set FKS, WKS, WFS, or WRX. For technical description, see page 160

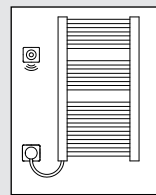
## Versions



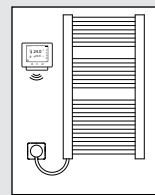
Electrical set FKS on the left  
Version I white  
Version chrome-silver



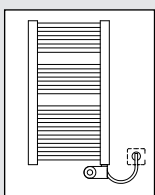
Electrical set WKS on the left  
Version C white  
Version titanium



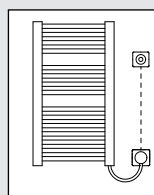
Electrical set WFS on the left  
Version E white  
Version titanium



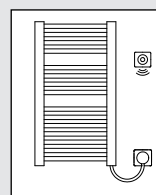
Electrical set WRX on the left  
Version T white/white  
Version white/black, black/black



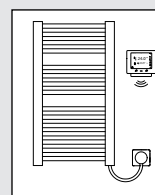
Electrical set FKS on the right  
Version J white  
Version chrome-silver



Electrical set WKS on the right  
Version D white  
Version titanium

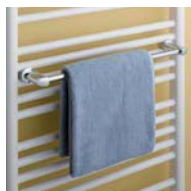
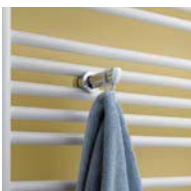


Electrical set WFS on the right  
Version F white  
Version titanium



Electrical set WRX on the right  
Version S white/white  
Version white/black, black/black

## Accessories



Extensive quality features far in excess of the standard.



## Price information – All-electric operation

Painted radiator					EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Heat output in watts	Product code	Price 1	Price 2	Price 3	Price 4	Price 5	Price 6
			E-set *		Radiator in standard colour, white (RAL 9016), incl.			Radiator according to Kerma colour concept incl.		
					FKS/WKS in white	WFS in white	WRX in white/white	FKS/WKS in white	WFS in white	WRX in white/white
810	431	40	400	GCE10080045 .. XK	700.00	823.00	958.00	785.00	908.00	1043.00
810	580	40	400	GCE10080060 .. XK	711.00	834.00	969.00	799.00	922.00	1057.00
810	730	40	600	GCE10080075 .. XK	760.00	881.00	1016.00	859.00	980.00	1115.00
810	880	40	800	GCE10080090 .. XK	781.00	901.00	1036.00	883.00	1003.00	1138.00
1190	431	40	600	GCE10120045 .. XK	783.00	904.00	1039.00	887.00	1008.00	1143.00
1190	580	40	800	GCE10120060 .. XK	781.00	901.00	1036.00	883.00	1003.00	1138.00
1190	730	40	800	GCE10120075 .. XK	816.00	936.00	1071.00	927.00	1047.00	1182.00
1190	880	40	800	GCE10120090 .. XK	876.00	996.00	1131.00	1002.00	1122.00	1257.00
1494	431	40	600	GCE10150045 .. XK	833.00	954.00	1089.00	950.00	1071.00	1206.00
1494	580	40	800	GCE10150060 .. XK	864.00	984.00	1119.00	987.00	1107.00	1242.00
1494	730	40	1200	GCE10150075 .. XK	898.00	1021.00	1154.00	1028.00	1151.00	1284.00
1494	880	40	1200	GCE10150090 .. XK	967.00	1090.00	1223.00	1114.00	1237.00	1370.00
1798	431	40	800	GCE10180045 .. XK	895.00	1015.00	1150.00	1025.00	1145.00	1280.00
1798	580	40	1200	GCE10180060 .. XK	916.00	1039.00	1172.00	1050.00	1173.00	1306.00
1798	730	40	1500	GCE10180075 .. XK	975.00	1097.00	1231.00	1122.00	1244.00	1378.00
1798	880	40	1500	GCE10180090 .. XK	1057.00	1179.00	1313.00	1225.00	1347.00	1481.00

- Electrical set FKS in chrome silver: + EUR 122.00
- Electrical set (WKS, WFS) in titanium: + EUR 62.00
- Anti-corrosion coating (RAL 9016): on request
- Anti-corrosion coating (colour): on request

When ordering, please state: colour, version. See page 257.

### Ordering example 1:

Geneo circle-E 1798 x 580 mm in white (RAL 9016),  
electrical set WKS on the left in white

**Product code:** GCE10180060 2 C XK

### Ordering example 2:

Geneo circle-E 1798 x 580 mm in circonsilver Metallic,  
electrical set WKS on the left in titanium

**Product code:** GCE10180060 Radiator colour circonsilver Metallic,  
electrical set WKS on the left in titanium

**Price:** Radiator with WKS in white 1050.00 EUR + surcharge for electrical set  
in titanium 62.00 EUR = complete price 1112.00 EUR

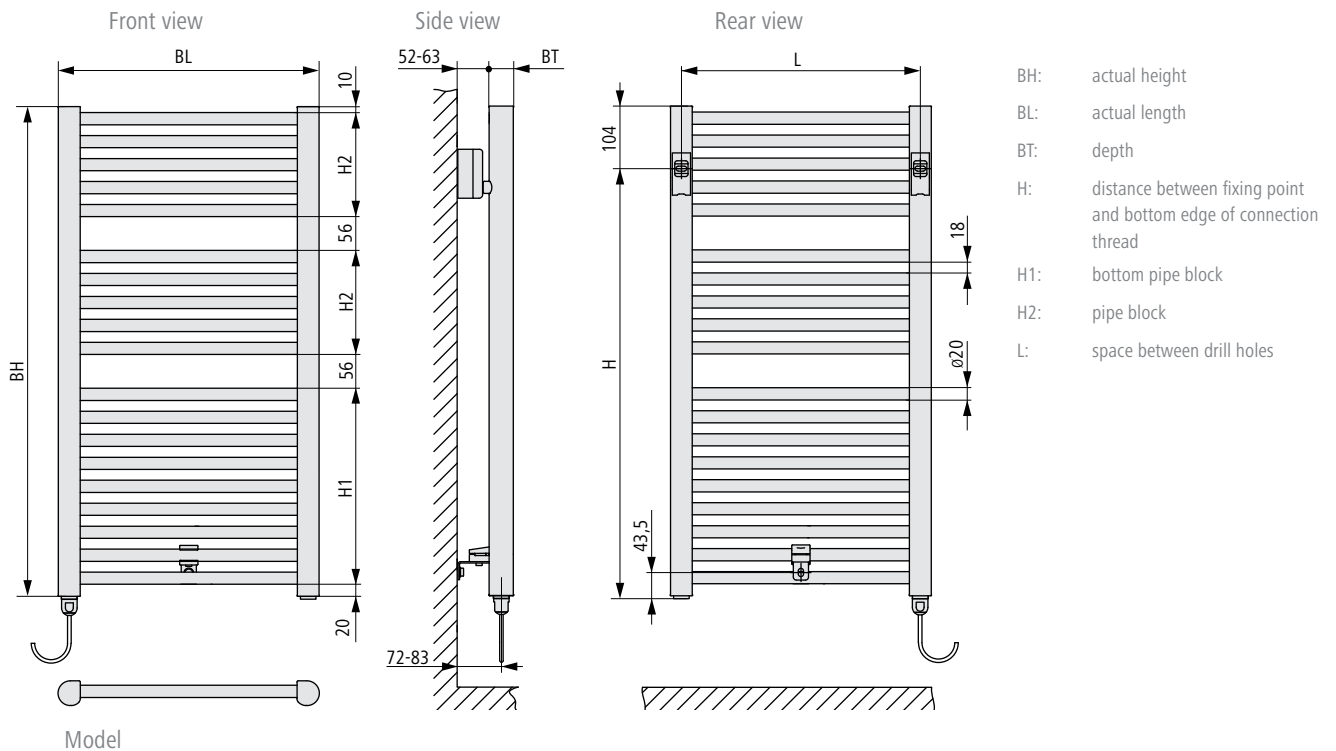


\* Please note: The specified power of the heating rod refers to the maximum electric power consumption. It should not be compared to the standard heat output of a radiator according to EN 442. An automatic control prevents overheating of the radiator during electric heating operation. Therefore, the maximum electrical power consumption is not constantly available for conversion into heat output. At normal room temperatures, the resulting heat output of the radiator is approx. 75 % of the stated maximum electrical power consumption of the heating rod.

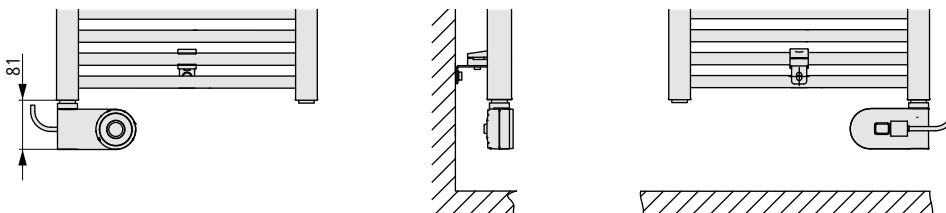
# Geneo<sup>®</sup> circle-E

## Technical information – All-electric operation

### Geneo circle-E dimensions



### Electrical set FKS connection



The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	H mm	L mm	H1 mm	H2 mm	Weight kg
810	431	40	711	395	324	172	9,53
810	580	40	711	544	324	172	11,59
810	730	40	711	694	324	172	13,85
810	880	40	711	844	324	172	15,92
1190	431	40	1091	395	476	172	13,95
1190	580	40	1091	544	476	172	16,99
1190	730	40	1091	694	476	172	20,04
1190	880	40	1091	844	476	172	23,18
1494	431	40	1395	395	552	172	17,38
1494	580	40	1395	544	552	172	21,21
1494	730	40	1395	694	552	172	25,05
1494	880	40	1395	844	552	172	28,88
1798	431	40	1699	395	628	172	20,72
1798	580	40	1699	544	628	172	25,44
1798	730	40	1699	694	628	172	30,16
1798	880	40	1699	844	628	172	34,78

**Please note:**

VDE 0100 part 701 must be observed during installation!  
For division into protected areas, see page 230. During installation, a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on site.

- Connections: The electric heating rod is pre-installed at the bottom in the manifold pipe.  
Installation of the wall elements on a empty socket or wall mounting with anchors.  
Protection type IPX4
- Test pressure: 7.8 bar
- Operating conditions: The Geneo circle-E model is operated as an all-electric radiator.  
The electric heating rod is connected via the wall outlet or plug to 230 V 50 Hz AC.

# Geneo® circle-E

## Electrical set FKS



Electrical set FKS, white



Electrical set FKS, chrome silver

The FKS version consists of an electronically regulated heating rod incl. controller (protection type IPX4) that is installed on the radiator. Length of cable on heating rod: approx. 1.2 m. The controller can be modified to be installed either on the right or left side of the radiator. Version with plug for direct connection to a socket. The controller is available in white and chrome silver.

### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function during commissioning possible
- "Open window" detection

## Electrical set WKS



Electrical set WKS, white



Electrical set WKS, titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

## Electrical set WFS



Electrical set WFS, white



Electrical set WFS, titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

## Electrical set WRX



Electrical set WRX white/white



Electrical set WRX black/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to programme and control various functions.

### Controller functions:

- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly programme (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30 - 120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection



Electrical set WRX black/white


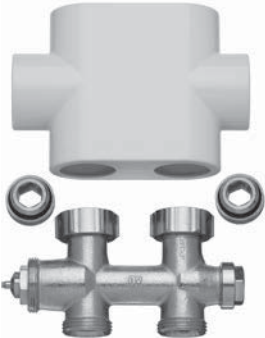


# Geneo® circle, Geneo® circle-E

## Accessories





Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Towel hook</b>					
	Additional depth with towel hook installed + 63 mm.				
	Surface aluminium-lacquered	ZC0101 0001	1	piece	51.75 / piece
	Surface chrome-plated	ZC0101 0002	1	piece	75.83 / piece
<b>Towel rail straight</b>					
	Additional depth with towel rail installed + 63 mm.				
	Suitable for length of 880 mm. Can be cut to lengths of 431, 580, and 730 mm.				
	Surface aluminium-lacquered	ZC0102 0001	1	piece	97.70 / piece
	Surface chrome-plated	ZC0102 0002	1	piece	206.98 / piece
<b>Cleaning brush</b>					
					
	Cleaning brush, three-piece	ZK0013 0002	1	piece	61.74 / piece
<b>T-piece</b>					
	For Geneo circle. For connecting the electric heating rod in heating flow or return.				
	Chrome-plated	ZT0056 0001	1	piece	24.39 / piece
<b>Angle valve</b>					
	For Geneo circle. <b>Surface chrome-plated</b>				
	<b>Angle valve for left connection.</b> DN 15 1/2" (thermostatic sensor head on the right), M30 x 1.5	ZV0030 0003	1	piece	152.38 / piece
	<b>Angle valve for right connection.</b> DN 15 1/2" (thermostatic sensor head on the left), M30 x 1.5	ZV0030 0004	1	piece	152.38 / piece
<b>Angled return fitting</b>					
	For Geneo circle. <b>Surface chrome-plated</b>				
	DN 15 1/2"	ZV0018 0002	1	piece	118.84 / piece

## Accessories

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Valve shut-off block set, angled</b>					
	<p>For Geneo circle. For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4". Connections to the pipe system 3/4" euro taper (external thread). Connection for thermostatic sensor head M30 x 1.5. Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection). By setting the bypass spindle also suitable for one-pipe system! The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p> <p><b>Set comprising:</b> 1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve, 1 decorative cover, 2 pipe reducing nipples.</p> <p><b>Attention: Note the flow direction in the radiator.</b></p>				
	Cover white	ZV0118 0001	1	piece	86.05 / piece
	Cover chrome	ZV0118 0002	1	piece	123.89 / piece
<b>Valve shut-off block, straight</b>					
	<p>For Geneo circle. For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4". Connections to the pipe system 3/4" euro taper (external thread). Connection for thermostatic sensor head M30 x 1.5. Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection). By setting the bypass spindle also suitable for one-pipe system! The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p> <p><b>Set comprising:</b> 1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve, 1 decorative cover, 2 pipe reducing nipples.</p> <p><b>Attention: Note the flow direction in the radiator.</b></p>				
	Cover white	ZV0040 0001	1	piece	73.95 / piece
	Cover chrome	ZV0040 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0040 0003	1	piece	123.05 / piece

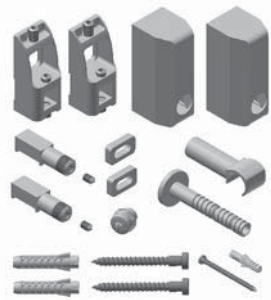


# Geneo® circle, Geneo® circle-E

## Accessories

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Thermostatic sensor head</b>					
	White	ZV0038 0003	1	piece	25.12 / piece
	Chrome	ZV0038 0001	1	piece	29.70 / piece
	Stainless steel appearance	ZV0038 0002	1	piece	38.30 / piece
<b>Spacer</b>					
	For Geneo circle. Additional installation hardware for connection situations differing from Appendix D in accordance with VDI 6036 (non-supporting pipes).				
	Visible parts white	ZB0326 0001	1	piece	24.41 / piece
	Visible parts chrome	ZB0326 0002	1	piece	42.72 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0326*	1	piece	30.51 / piece



## Spare parts

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	<p>For Geno circle.</p> <p><b>Set comprising:</b></p> <p>2 wall mounts, 2 support pins, 2 elongated washers, 2 anchors ø 10, 2 screws 8 x 80, 1 wall support at bottom, 2 two-piece fixing point covers, 1 air vent plug.</p>				
Suitable for requirement classes I and II.	Visible parts white	ZB0343 0001	1	piece	39.07 / piece
	Visible parts chrome	ZB0343 0002	1	piece	75.69 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0343*	1	piece	48.84 / piece
<b>Fixing set</b>					
	<p>For Geno circle-E.</p> <p><b>Set comprising:</b></p> <p>2 wall mounts, 2 support pins, 2 elongated washers, 2 anchors ø 10, 2 screws 8 x 80, 1 wall support at bottom, 2 two-piece fixing point covers, 1 air vent plug.</p>				
Suitable for requirement classes I and II.	Visible parts white	ZB0344 0001	1	piece	67.13 / piece
	Visible parts chrome	ZB0344 0002	1	piece	128.17 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0344*	1	piece	83.91 / piece
<b>Air vent plug</b>					
	<p>Ø 1/4"</p> <p><b>Set comprising 10 pieces.</b></p>				
		ZT0054 0001	10	piece	4.05 / piece

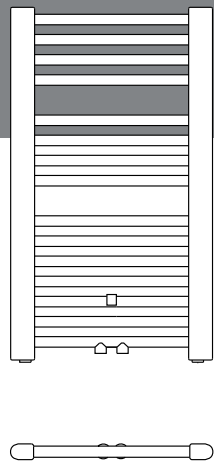
As straightforward  
as it is high-quality



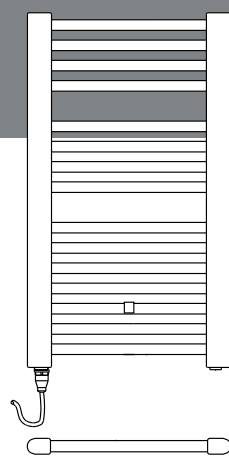
# Basic<sup>®</sup>-50

## Basic<sup>®</sup>-50 R

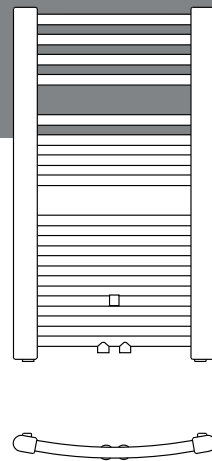
- Side connection or 50 mm centre connection available
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- Version with additional electric heating
- Basic-E and Basic R-E for all-electric operation



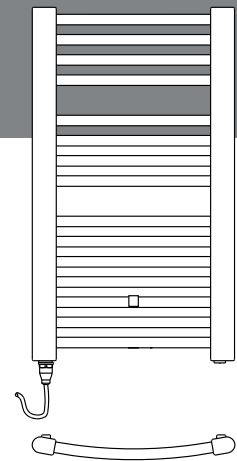
Basic-50  
Compact radiator  
page 168



Basic-E  
All-electric radiator  
page 174



Basic-50 R  
Compact radiator  
page 180



Basic-R-E  
All-electric radiator  
page 186

# Basic®-50 straight



## Product benefits

- Compact radiator for hot water operation
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- Fixing set for room divider installation available
- Fixing not visible from the front
- 50 mm centre connection or side connections downwards, hub distance depends on length
- Connection from above (at additional cost), hub distance depends on length
- Additional electric operation possible, heating rod can be retrofitted with centre connection, cannot be retrofitted with side connection
- Hot-dip galvanised or anti-corrosion coating available. For technical description, see page 231

## Accessories



### Room divider



See page 201

### x-link plus connection fitting



Possible from BL 599 mm. For prices and description of x-link plus, see page 234



## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour



Extensive quality features far in excess of the standard.

## Pricing information – Hot water operation

Painted radiator										EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2	
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C				Radiator in standard colour, white (RAL 9016)
804	450	35	1.2325	400	348	397 432	249 154	E001M080045 . XXK	284.00	426.00	
804	524	35	1.2275	400	399	454 495	286 177	E001M080050 . XXK	289.00	434.00	
804	599	35	1.2225	400	451	513 559	324 201	E001M080060 . XXK	294.00	441.00	
804	749	35	1.2124	600	551	626 682	397 247	E001M080075 . XXK	329.00	494.00	
804	899	35	1.2023	600	650	738 803	469 293	E001M080090 . XXK	339.00	509.00	
1172	450	35	1.2321	600	511	582 635	366 226	E001M120045 . XXK	347.00	521.00	
1172	524	35	1.2271	600	586	667 728	420 260	E001M120050 . XXK	342.00	513.00	
1172	599	35	1.2221	600	662	753 821	475 294	E001M120060 . XXK	339.00	509.00	
1172	749	35	1.2120	800	810	921 1003	583 363	E001M120075 . XXK	369.00	554.00	
1172	899	35	1.2020	800	955	1085 1180	690 430	E001M120090 . XXK	421.00	632.00	
1448	450	35	1.2318	600	631	719 784	452 279	E001M150045 . XXK	389.00	584.00	
1448	524	35	1.2268	800	724	824 899	519 321	E001M150050 . XXK	397.00	596.00	
1448	599	35	1.2218	800	817	930 1013	587 363	E001M150060 . XXK	407.00	611.00	
1448	749	35	1.2118	800	1000	1137 1238	720 448	E001M150075 . XXK	432.00	648.00	
1448	899	35	1.2017	1200	1179	1339 1457	851 531	E001M150090 . XXK	491.00	737.00	
1770	450	35	1.2256	800	767	873 952	550 340	E001M180045 . XXK	433.00	650.00	
1770	524	35	1.2206	800	880	1001 1091	632 392	E001M180050 . XXK	438.00	657.00	
1770	599	35	1.2155	800	993	1129 1230	714 444	E001M180060 . XXK	448.00	672.00	
1770	749	35	1.2054	1200	1216	1382 1504	877 547	E001M180075 . XXK	493.00	740.00	
1770	899	35	1.1953	1500	1433	1626 1769	1037 649	E001M180090 . XXK	561.00	842.00	

- Hot-dip galvanised (RAL 9016 textured): Price 1 **x factor 2.8**
- Anti-corrosion coating (RAL 9016): **+ 40 %** on price 1
- Anti-corrosion coating (colour): **on request**
- Connection from above: **+ EUR 74.00**
- Special solutions: **on request**

When ordering, please state:  
colour. See page 257.

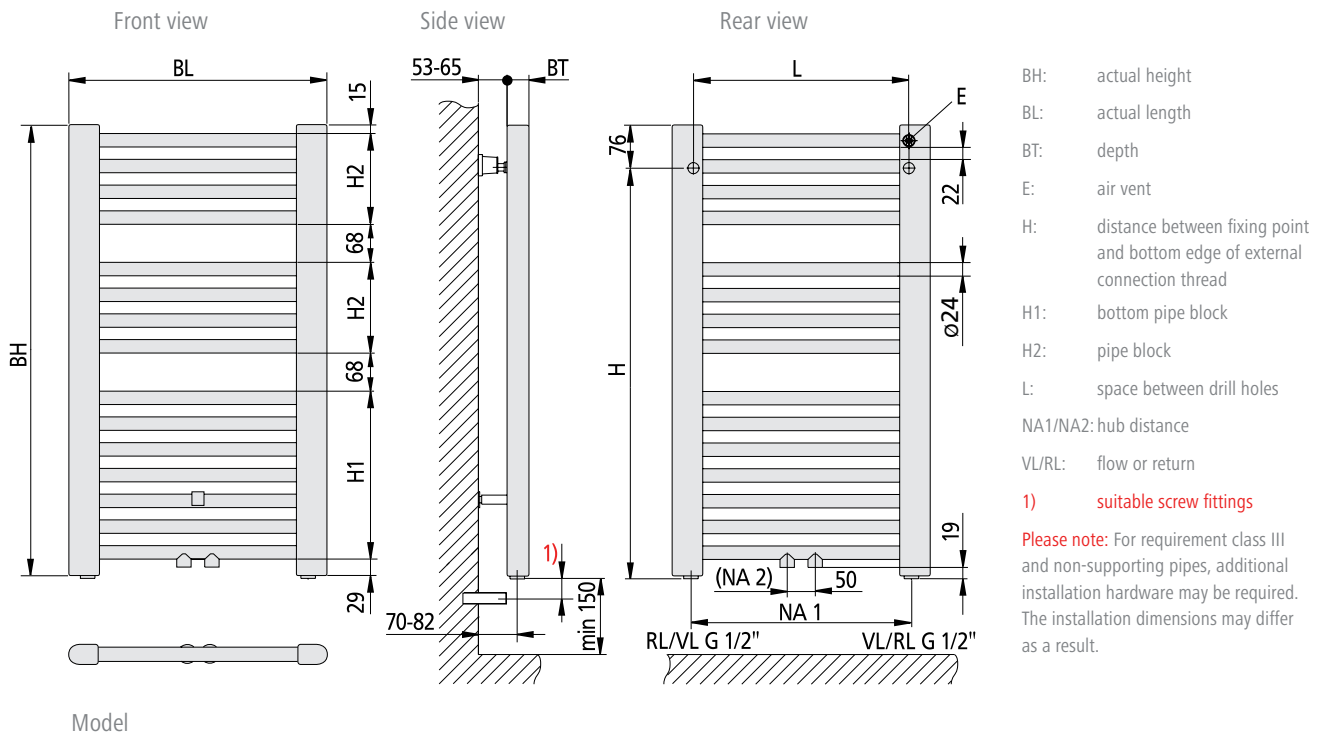


For additional electric operation, please order the appropriate electrical set for Basic-50 on page 172

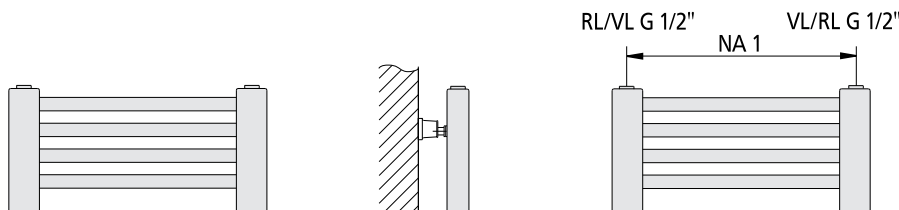
# Basic<sup>®</sup>-50 straight

## Technical information – Hot water operation

### Basic-50 dimensions



### Connection from above



Distance from bottom edge of radiator to floor min. 150 mm.

The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA1 mm	NA2 mm	H mm	L mm	H1 mm	H2 mm	Weight kg	Water content l
804	450	35	386	50	733	395	300	162	6,80	4,30
804	524	35	460	50	733	469	300	162	7,40	4,80
804	599	35	535	50	733	544	300	162	8,10	5,20
804	749	35	685	50	733	694	300	162	9,40	6,10
804	899	35	835	50	733	844	300	162	10,80	6,90
1172	450	35	386	50	1101	395	300	208	9,80	6,20
1172	524	35	460	50	1101	469	300	208	10,70	6,90
1172	599	35	535	50	1101	544	300	208	11,70	7,50
1172	749	35	685	50	1101	694	300	208	13,60	8,80
1172	899	35	835	50	1101	844	300	208	15,60	10,00
1448	450	35	386	50	1377	395	438	254	12,10	7,70
1448	524	35	460	50	1377	469	438	254	13,40	8,50
1448	599	35	535	50	1377	544	438	254	14,60	9,30
1448	749	35	685	50	1377	694	438	254	17,10	10,90
1448	899	35	835	50	1377	844	438	254	19,60	12,50
1770	450	35	386	50	1699	395	438	254	14,50	9,60
1770	524	35	460	50	1699	469	438	254	16,00	10,50
1770	599	35	535	50	1699	544	438	254	17,50	11,50
1770	749	35	685	50	1699	694	438	254	20,50	13,40
1770	899	35	835	50	1699	844	438	254	23,50	15,40



For characteristic equation,  
see page 250.

■ Connections: 2 x G 1/2" internal thread at centre downwards, hub distance 50 mm, flow available on the left or right.

Additionally 2 x G 1/2" internal thread on the side downwards, hub distance depends on length, flow available on the left or right.  
Suitable for one-pipe system.

■ Air vent: G 1/4" backwards, on the left

■ Operating pressure: max. 10 bar

■ Test pressure: 13 bar

■ Operating conditions: Hot water up to 110 °C.







Additional electric operation possible (max. flow temperature 80 °C).

With centre connection: electric heating rod can be retrofitted.

With side connection: electric heating rod cannot be retrofitted, as the required T-piece will change the connection position.

# Basic®-50 straight

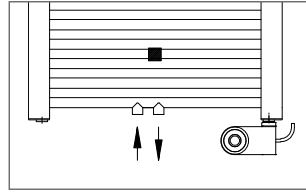
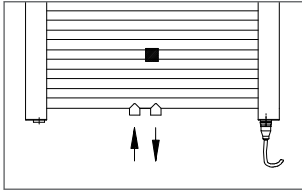
## Information – Additional electric operation

 <b>Prices and electrical set wattage rating (additional electric operation)</b>						
Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electric heating rod</b> in white</p> <p>Due to legal requirements regarding electrical safety and energy consumption, an additional control device needs to be provided on site.</p>	150 watts / AC 230 V	1 piece	ZE0066 0031	<b>198.44</b>		
	300 watts / AC 230 V	1 piece	ZE0066 0001	<b>202.71</b>		
	400 watts / AC 230 V	1 piece	ZE0066 0002	<b>206.21</b>		
	600 watts / AC 230 V	1 piece	ZE0066 0003	<b>209.69</b>		
	800 watts / AC 230 V	1 piece	ZE0066 0004	<b>223.67</b>		
	1200 watts / AC 230 V	1 piece	ZE0066 0005	<b>244.65</b>		
	1500 watts / AC 230 V	1 piece	ZE0066 0032	<b>252.47</b>		
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	150 watts / AC 230 V	1 piece	ZE0103 0001	<b>268.00</b>	ZE0103 0078	<b>390.00</b>
	300 watts / AC 230 V	1 piece	ZE0103 0002	<b>274.00</b>	ZE0103 0079	<b>396.00</b>
	400 watts / AC 230 V	1 piece	ZE0103 0003	<b>279.00</b>	ZE0103 0080	<b>401.00</b>
	600 watts / AC 230 V	1 piece	ZE0103 0004	<b>286.00</b>	ZE0103 0081	<b>408.00</b>
	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
	1500 watts / AC 230 V	1 piece	ZE0103 0007	<b>306.00</b>	ZE0103 0084	<b>428.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0100 0001	<b>268.00</b>	ZE0100 0036	<b>330.00</b>
	300 watts / AC 230 V	1 piece	ZE0100 0002	<b>274.00</b>	ZE0100 0037	<b>336.00</b>
	400 watts / AC 230 V	1 piece	ZE0100 0003	<b>279.00</b>	ZE0100 0038	<b>341.00</b>
	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
	1500 watts / AC 230 V	1 piece	ZE0100 0007	<b>306.00</b>	ZE0100 0042	<b>368.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0101 0001	<b>390.00</b>	ZE0101 0036	<b>452.00</b>
	300 watts / AC 230 V	1 piece	ZE0101 0002	<b>397.00</b>	ZE0101 0037	<b>459.00</b>
	400 watts / AC 230 V	1 piece	ZE0101 0003	<b>402.00</b>	ZE0101 0038	<b>464.00</b>
	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
	1500 watts / AC 230 V	1 piece	ZE0101 0007	<b>428.00</b>	ZE0101 0042	<b>490.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	150 watts / AC 230 V	1 piece	ZE0315 0001	ZE0315 0008	ZE0315 0015	<b>526.00</b>
	300 watts / AC 230 V	1 piece	ZE0315 0002	ZE0315 0009	ZE0315 0016	<b>531.00</b>
	400 watts / AC 230 V	1 piece	ZE0315 0003	ZE0315 0010	ZE0315 0017	<b>537.00</b>
	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>
	1500 watts / AC 230 V	1 piece	ZE0315 0007	ZE0315 0014	ZE0315 0021	<b>562.00</b>

For additional electric operation, please order the appropriate electrical set for Basic-50. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 169. For technical description, see page 178.



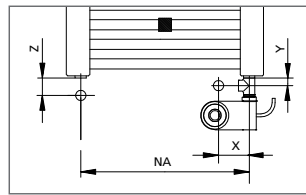
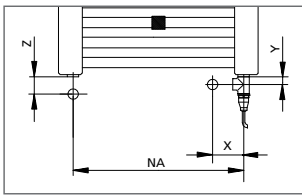
**Basic-50 connection with additional electric operation**



Connection of flow and return via 50 mm centre connection: installation of an electric heating rod in the left or right manifold pipe is possible without any restrictions.

**Please note:**

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator.



For the installation of an electric heating rod in the heating flow or return, a T-piece is mandatory (connections 2 x G 1/2" internal thread, 1 x G 1/2" external thread). This changes the position of the pipes in relation to the radiator horizontally (dimension X) and vertically (dimension Y) – depending on the angle valve and T-piece used. When the T-piece ZT00560001 is used, Y = 19 mm. When the angle valve available as an accessory is used (connection on the left: ZV00300003, connection on the right: ZV00300004), Z = 60 mm. For this reason, upgrade of an electric heating rod is not possible after the radiator has already been installed.



# Basic®-E straight



## Product benefits

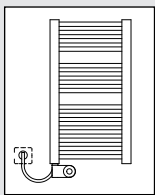
- Radiator for all-electric operation
- Fixing set for room divider installation available
- Fixing not visible from the front
- Hot-dip galvanised or anti-corrosion coating available. For technical description, see page 231



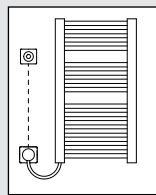
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour
- Filled with non-combustible, non-toxic heat transfer fluid. Frostproof to approx. -15 °C. Electric heating rod pre-installed, including electronic control and control element (electrical set: FKS, WKS, WFS, or WRX).
- Electrical set FKS, WKS, WFS, or WRX. For technical description, see page 178

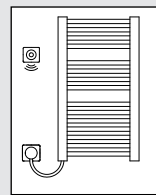
## Versions



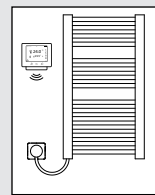
Electrical set FKS on the left  
Version I white  
Version chrome-silver



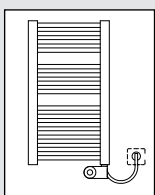
Electrical set WKS on the left  
Version C white  
Version titanium



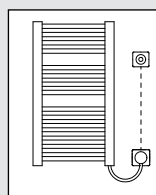
Electrical set WFS on the left  
Version E white  
Version titanium



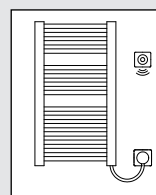
Electrical set WRX on the left  
Version T white/white  
Version white/black, black/black



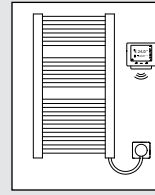
Electrical set FKS on the right  
Version J white  
Version chrome-silver



Electrical set WKS on the right  
Version D white  
Version titanium

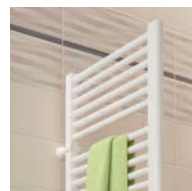
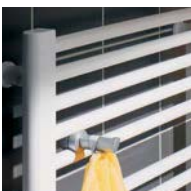


Electrical set WFS on the right  
Version F white  
Version titanium



Electrical set WRX on the right  
Version S white/white  
Version white/black, black/black

## Accessories



## Room divider



Extensive quality features far in excess of the standard.

See page 201.

## Price information – All-electric operation

Painted radiator					EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Heat output in watts	Product code	Price 1	Price 2	Price 3	Price 4	Price 5	Price 6
			E-set *		Radiator in standard colour, white (RAL 9016), incl.			Radiator according to Kerma colour concept incl.		
					FKS/WKS in white	WFS in white	WRX in white/white	FKS/WKS in white	WFS in white	WRX in white/white
804	450	35	400	E0E10080045 .. XK	665.00	788.00	923.00	742.00	865.00	1000.00
804	524	35	400	E0E10080050 .. XK	670.00	793.00	928.00	748.00	871.00	1006.00
804	599	35	400	E0E10080060 .. XK	675.00	798.00	933.00	754.00	877.00	1012.00
804	749	35	600	E0E10080075 .. XK	717.00	838.00	973.00	805.00	926.00	1061.00
804	899	35	600	E0E10080090 .. XK	727.00	848.00	983.00	817.00	938.00	1073.00
1172	450	35	600	E0E10120045 .. XK	735.00	856.00	991.00	827.00	948.00	1083.00
1172	524	35	600	E0E10120050 .. XK	730.00	851.00	986.00	821.00	942.00	1077.00
1172	599	35	600	E0E10120060 .. XK	727.00	848.00	983.00	817.00	938.00	1073.00
1172	749	35	800	E0E10120075 .. XK	765.00	885.00	1020.00	863.00	983.00	1118.00
1172	899	35	800	E0E10120090 .. XK	817.00	937.00	1072.00	928.00	1048.00	1183.00
1448	450	35	600	E0E10150045 .. XK	777.00	898.00	1033.00	880.00	1001.00	1136.00
1448	524	35	800	E0E10150050 .. XK	793.00	913.00	1048.00	898.00	1018.00	1153.00
1448	599	35	800	E0E10150060 .. XK	803.00	923.00	1058.00	910.00	1030.00	1165.00
1448	749	35	800	E0E10150075 .. XK	828.00	948.00	1083.00	942.00	1062.00	1197.00
1448	899	35	1200	E0E10150090 .. XK	893.00	1016.00	1149.00	1021.00	1144.00	1277.00
1770	450	35	800	E0E10180045 .. XK	829.00	949.00	1084.00	943.00	1063.00	1198.00
1770	524	35	800	E0E10180050 .. XK	834.00	954.00	1089.00	949.00	1069.00	1204.00
1770	599	35	800	E0E10180060 .. XK	844.00	964.00	1099.00	962.00	1082.00	1217.00
1770	749	35	1200	E0E10180075 .. XK	895.00	1018.00	1151.00	1024.00	1147.00	1280.00
1770	899	35	1500	E0E10180090 .. XK	969.00	1091.00	1225.00	1115.00	1237.00	1371.00

- Electrical set FKS in chrome silver: + EUR 122.00
- Electrical set (WKS, WFS) in titanium: + EUR 62.00
- Hot-dip galvanised (RAL 9016 textured): on request
- Anti-corrosion coating (RAL 9016): on request
- Anti-corrosion coating (colour): on request

When ordering, please state: colour, version. See page 257.

### Ordering example 1:

Basic-E 804x450 mm in white (RAL 9016), electrical set WKS on the right in white

**Product code:** E0E10080045 2 D XK

### Ordering example 2:

Basic-E 804x450 mm in circonsilver Metallic, electrical set WKS on the right in titanium

**Product code:** E0E10080045 Radiator colour circonsilver Metallic, electrical set WKS on the right in titanium

**Price:** Radiator with WKS in white 742.00 EUR + surcharge for electrical set in titanium 62.00 EUR = complete price 804.00 EUR

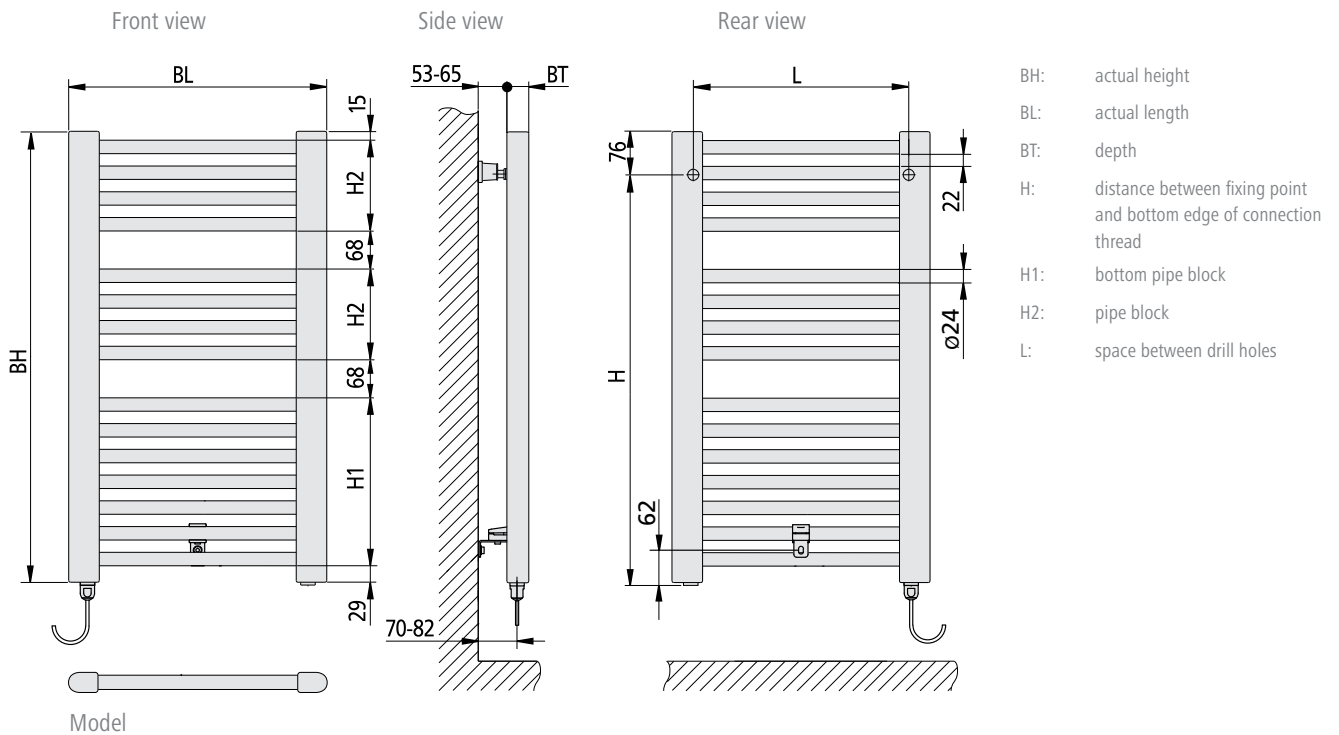


\* Please note: The specified power of the heating rod refers to the maximum electric power consumption. It should not be compared to the standard heat output of a radiator according to EN 442. An automatic control prevents overheating of the radiator during electric heating operation. Therefore, the maximum electrical power consumption is not constantly available for conversion into heat output. At normal room temperatures, the resulting heat output of the radiator is approx. 75% of the stated maximum electrical power consumption of the heating rod.

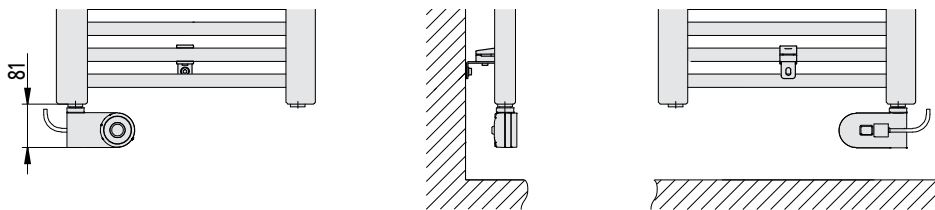
# Basic<sup>®</sup>-E straight

## Technical information – All-electric operation

### Basic-E dimensions



### Electrical set FKS connection



The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	H mm	L mm	H1 mm	H2 mm	Weight kg
804	450	35	733	395	300	162	11,40
804	524	35	733	469	300	162	12,50
804	599	35	733	544	300	162	13,50
804	749	35	733	694	300	162	15,70
804	899	35	733	844	300	162	18,00
1172	450	35	1101	395	300	208	16,20
1172	524	35	1101	469	300	208	17,80
1172	599	35	1101	544	300	208	19,40
1172	749	35	1101	694	300	208	22,60
1172	899	35	1101	844	300	208	25,80
1448	450	35	1377	395	438	254	19,90
1448	524	35	1377	469	438	254	22,10
1448	599	35	1377	544	438	254	24,00
1448	749	35	1377	694	438	254	28,20
1448	899	35	1377	844	438	254	32,20
1770	450	35	1699	395	438	254	24,20
1770	524	35	1699	469	438	254	26,60
1770	599	35	1699	544	438	254	29,10
1770	749	35	1699	694	438	254	33,90
1770	899	35	1699	844	438	254	38,90

**Please note:**

VDE 0100 part 701 must be observed during installation!  
For division into protected areas, see page 230. During installation, a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on site.

- Connections: The electric heating rod is pre-installed at the bottom in the manifold pipe.  
Installation of the wall elements on a empty socket or wall mounting with anchors.  
Protection type IPX4

- Test pressure: 13 bar

- Operating conditions: The Basic-E model is operated as an all-electric radiator.

The electric heating rod is connected via the wall outlet or plug to 230 V 50 Hz AC.

# Basic®-E straight

## Electrical set FKS



Electrical set FKS, white



Electrical set FKS, chrome silver

The FKS version consists of an electronically regulated heating rod incl. controller (protection type IPX4) that is installed on the radiator. Length of cable on heating rod: approx. 1.2 m. The controller can be modified to be installed either on the right or left side of the radiator. Version with plug for direct connection to a socket. The controller is available in white and chrome silver.

### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function during commissioning possible
- "Open window" detection

## Electrical set WKS



Electrical set WKS, white



Electrical set WKS, titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

## Electrical set WFS



Electrical set WFS, white



Electrical set WFS, titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

## Electrical set WRX



Electrical set WRX white/white



Electrical set WRX black/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to programme and control various functions.

### Controller functions:

- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly programme (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30 - 120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection



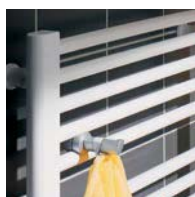
Electrical set WRX black/white



# Basic®-50 R curved



## Accessories



### Product benefits

- Compact radiator for hot water operation
- Fixing not visible from the front
- 50 mm centre connection or side connections downwards, hub distance depends on length
- Connection from above, hub distance depends on length
- Additional electric operation possible, heating rod can be retrofitted with centre connection, cannot be retrofitted with side connection
- Hot-dip galvanised or anti-corrosion coating available. For technical description, see page 231



### Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour



Extensive quality features far in excess of the standard.



## Pricing information – Hot water operation

Painted radiator									EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
804	450	51	1.2325	400	348	397 432	249 154	ER01M080045 . XXK	325.00	488.00
804	524	64	1.2275	400	399	454 495	286 177	ER01M080050 . XXK	329.00	494.00
804	599	60	1.2225	400	451	513 559	324 201	ER01M080060 . XXK	333.00	500.00
804	749	70	1.2124	600	551	626 682	397 247	ER01M080075 . XXK	370.00	555.00
804	899	73	1.2023	600	650	738 803	469 293	ER01M080090 . XXK	381.00	572.00
1172	450	51	1.2321	600	511	582 635	366 226	ER01M120045 . XXK	388.00	582.00
1172	524	64	1.2271	600	586	667 728	420 260	ER01M120050 . XXK	394.00	591.00
1172	599	60	1.2221	600	662	753 821	475 294	ER01M120060 . XXK	381.00	572.00
1172	749	70	1.2120	800	810	921 1003	583 363	ER01M120075 . XXK	409.00	614.00
1172	899	73	1.2020	800	955	1085 1180	690 430	ER01M120090 . XXK	460.00	690.00
1448	450	51	1.2318	600	631	719 784	452 279	ER01M150045 . XXK	430.00	645.00
1448	524	64	1.2268	800	724	824 899	519 321	ER01M150050 . XXK	437.00	656.00
1448	599	60	1.2218	800	817	930 1013	587 363	ER01M150060 . XXK	447.00	671.00
1448	749	70	1.2118	800	1000	1137 1238	720 448	ER01M150075 . XXK	470.00	705.00
1448	899	73	1.2017	1200	1179	1339 1457	851 531	ER01M150090 . XXK	530.00	795.00
1770	450	51	1.2256	800	767	873 952	550 340	ER01M180045 . XXK	471.00	707.00
1770	524	64	1.2206	800	880	1001 1091	632 392	ER01M180050 . XXK	479.00	719.00
1770	599	60	1.2155	800	993	1129 1230	714 444	ER01M180060 . XXK	490.00	735.00
1770	749	70	1.2054	1200	1216	1382 1504	877 547	ER01M180075 . XXK	532.00	798.00
1770	899	73	1.1953	1500	1433	1626 1769	1037 649	ER01M180090 . XXK	601.00	902.00

- Hot-dip galvanised (RAL 9016 textured): Price 1 **x factor 2.8**
- Anti-corrosion coating (RAL 9016): **+ 40 %** on price 1
- Anti-corrosion coating (colour): **on request**
- Connection from above: **+ EUR 74.00**
- Special solutions: **on request**

### Ordering example 1:

Basic-50 R 1172 x 599 mm in white (RAL 9016)

**Product code: ER01M120060 2 XXK**

### Ordering example 2:

Basic-50 R 1172 x 599 mm in circonsilver Metallic

**Product code: ER01M120060 Radiator colour circonsilver Metallic**

When ordering, please state:  
colour. See page 257.

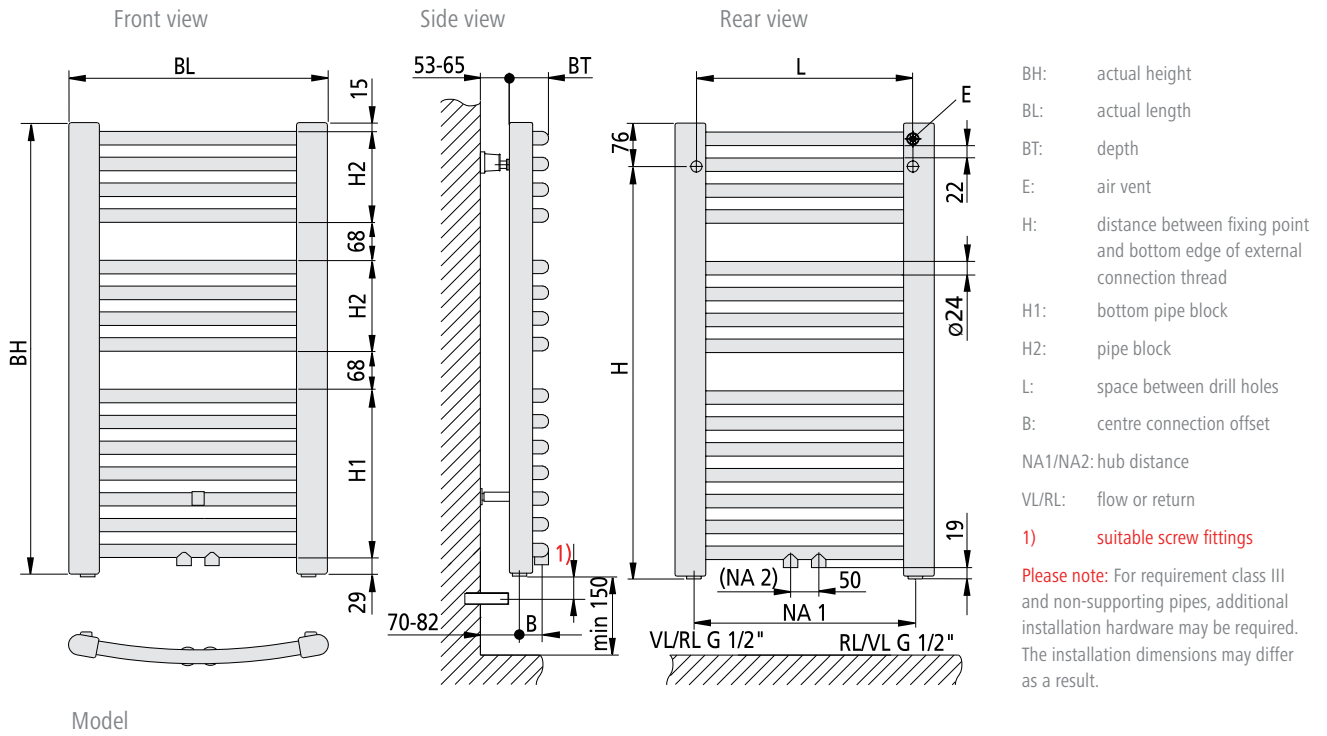


For additional electric operation, please order the appropriate electrical set for Basic-50 R on page 184

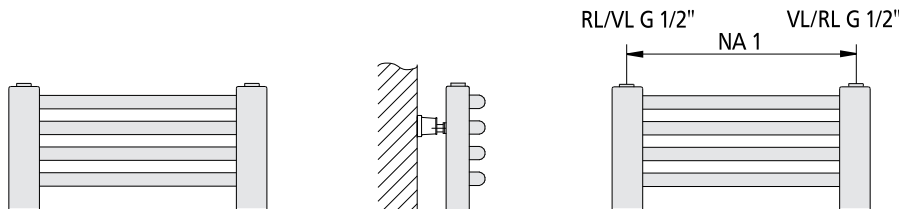
# Basic<sup>®</sup>-50 R curved

## Technical information – Hot water operation

### Basic-50 R dimensions



### Connection from above



Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA1 mm	NA2 mm	H mm	L mm	H1 mm	H2 mm	B mm	Weight kg	Water content l
804	450	51	386	50	733	389	300	162	18	6,80	4,40
804	524	64	460	50	733	463	300	162	31	7,50	4,80
804	599	60	535	50	733	538	300	162	27	8,10	5,20
804	749	70	685	50	733	688	300	162	37	9,50	6,10
804	899	73	835	50	733	838	300	162	40	10,80	7,00
1172	450	51	386	50	1101	389	300	208	18	9,80	6,30
1172	524	64	460	50	1101	463	300	208	31	10,80	6,90
1172	599	60	535	50	1101	538	300	208	27	11,80	7,50
1172	749	70	685	50	1101	688	300	208	37	13,70	8,80
1172	899	73	835	50	1101	838	300	208	40	15,70	10,10
1448	450	51	386	50	1377	389	438	254	18	12,20	7,70
1448	524	64	460	50	1377	463	438	254	31	13,40	8,50
1448	599	60	535	50	1377	538	438	254	27	14,70	9,40
1448	749	70	685	50	1377	688	438	254	37	17,20	11,00
1448	899	73	835	50	1377	838	438	254	40	19,70	12,60
1770	450	51	386	50	1699	389	438	254	18	14,60	9,60
1770	524	64	460	50	1699	463	438	254	31	16,10	10,60
1770	599	60	535	50	1699	538	438	254	27	17,60	11,60
1770	749	70	685	50	1699	688	438	254	37	20,60	13,50
1770	899	73	835	50	1699	838	438	254	40	23,60	15,50









For characteristic equation,  
see page 250.

- Connections: 2 x G 1/2" internal thread at centre downwards, hub distance 50 mm, flow available on the left or right.  
Additionally 2 x G 1/2" internal thread on the side downwards, hub distance depends on length, flow available on the left or right.  
Suitable for one-pipe system.
- Air vent: G 1/4" backwards, on the left
- Operating pressure: max. 10 bar
- Test pressure: 13 bar

- Operating conditions: Hot water up to 110 °C.  
Additional electric operation possible (max. flow temperature 80 °C).  
With centre connection: electric heating rod can be retrofitted.  
With side connection: electric heating rod cannot be retrofitted, as the required T-piece will change the connection position.

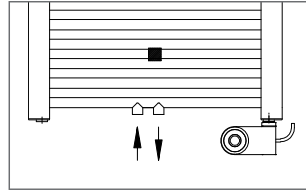
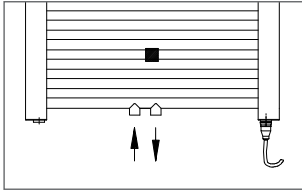
# Basic®-50 R curved

## Information – Additional electric operation

 <b>Prices and electrical set wattage rating (additional electric operation)</b>						
Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electric heating rod</b> in white</p> <p>Due to legal requirements regarding electrical safety and energy consumption, an additional control device needs to be provided on site.</p>	150 watts / AC 230 V	1 piece	ZE0066 0031	<b>198.44</b>		
	300 watts / AC 230 V	1 piece	ZE0066 0001	<b>202.71</b>		
	400 watts / AC 230 V	1 piece	ZE0066 0002	<b>206.21</b>		
	600 watts / AC 230 V	1 piece	ZE0066 0003	<b>209.69</b>		
	800 watts / AC 230 V	1 piece	ZE0066 0004	<b>223.67</b>		
	1200 watts / AC 230 V	1 piece	ZE0066 0005	<b>244.65</b>		
	1500 watts / AC 230 V	1 piece	ZE0066 0032	<b>252.47</b>		
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	150 watts / AC 230 V	1 piece	ZE0103 0001	<b>268.00</b>	ZE0103 0078	<b>390.00</b>
	300 watts / AC 230 V	1 piece	ZE0103 0002	<b>274.00</b>	ZE0103 0079	<b>396.00</b>
	400 watts / AC 230 V	1 piece	ZE0103 0003	<b>279.00</b>	ZE0103 0080	<b>401.00</b>
	600 watts / AC 230 V	1 piece	ZE0103 0004	<b>286.00</b>	ZE0103 0081	<b>408.00</b>
	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
	1500 watts / AC 230 V	1 piece	ZE0103 0007	<b>306.00</b>	ZE0103 0084	<b>428.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0100 0001	<b>268.00</b>	ZE0100 0036	<b>330.00</b>
	300 watts / AC 230 V	1 piece	ZE0100 0002	<b>274.00</b>	ZE0100 0037	<b>336.00</b>
	400 watts / AC 230 V	1 piece	ZE0100 0003	<b>279.00</b>	ZE0100 0038	<b>341.00</b>
	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
	1500 watts / AC 230 V	1 piece	ZE0100 0007	<b>306.00</b>	ZE0100 0042	<b>368.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0101 0001	<b>390.00</b>	ZE0101 0036	<b>452.00</b>
	300 watts / AC 230 V	1 piece	ZE0101 0002	<b>397.00</b>	ZE0101 0037	<b>459.00</b>
	400 watts / AC 230 V	1 piece	ZE0101 0003	<b>402.00</b>	ZE0101 0038	<b>464.00</b>
	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
	1500 watts / AC 230 V	1 piece	ZE0101 0007	<b>428.00</b>	ZE0101 0042	<b>490.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	150 watts / AC 230 V	1 piece	ZE0315 0001	ZE0315 0008	ZE0315 0015	<b>526.00</b>
	300 watts / AC 230 V	1 piece	ZE0315 0002	ZE0315 0009	ZE0315 0016	<b>531.00</b>
	400 watts / AC 230 V	1 piece	ZE0315 0003	ZE0315 0010	ZE0315 0017	<b>537.00</b>
	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>
	1500 watts / AC 230 V	1 piece	ZE0315 0007	ZE0315 0014	ZE0315 0021	<b>562.00</b>

For additional electric operation, please order the appropriate electrical set for Basic-50 R. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 181. For technical description, see page 189.

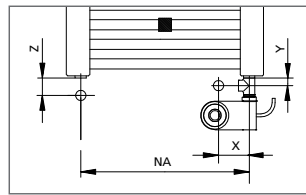
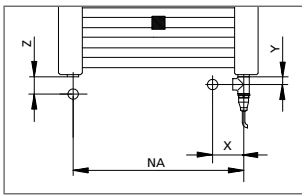
**Basic-50 R connection with additional electric operation**



Connection of flow and return via 50 mm centre connection: installation of an electric heating rod in the left or right manifold pipe is possible without any restrictions.

**Please note:**

From a visual perspective, we recommend installation of the empty socket in the direct vicinity of the radiator.



For the installation of an electric heating rod in the heating flow or return, a T-piece is mandatory (connections 2 x G 1/2" internal thread, 1 x G 1/2" external thread). This changes the position of the pipes in relation to the radiator horizontally (dimension X) and vertically (dimension Y) – depending on the angle valve and T-piece used. When the T-piece ZT00560001 is used, Y = 19 mm. When the angle valve available as an accessory is used (connection on the left: ZV00300003, connection on the right: ZV00300004), Z = 60 mm. For this reason, upgrade of an electric heating rod is not possible after the radiator has already been installed.



# Basic® R-E curved



## Product benefits

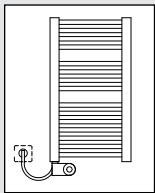
- Radiator for all-electric operation
- Fixing not visible from the front
- Hot-dip galvanised or anti-corrosion coating available. For technical description, see page 231



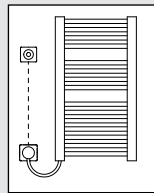
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour.
- Filled with non-combustible, non-toxic heat transfer fluid. Frostproof to approx. -15 °C. Electric heating rod pre-installed, including electronic control and control element (electrical set: FKS, WKS, WFS, or WRX).
- Electrical set FKS, WKS, WFS, or WRX. For technical description, see page 189

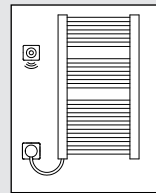
## Versions



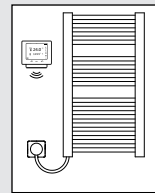
Electrical set FKS on the left  
Version I white  
Version chrome-silver



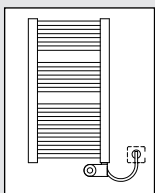
Electrical set WKS on the left  
Version C white  
Version titanium



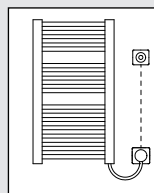
Electrical set WFS on the left  
Version E white  
Version titanium



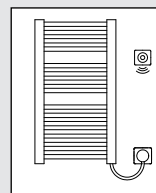
Electrical set WRX on the left  
Version T white/white  
Version white/black, black/black



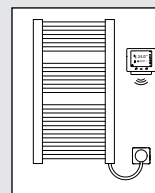
Electrical set FKS on the right  
Version J white  
Version chrome-silver



Electrical set WKS on the right  
Version D white  
Version titanium

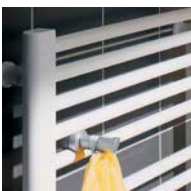


Electrical set WFS on the right  
Version F white  
Version titanium



Electrical set WRX on the right  
Version S white/white  
Version white/black, black/black

## Accessories



Extensive quality features far in excess of the standard.

## Price information – All-electric operation

Painted radiator					EUR excl. VAT I/2020					
Height mm	Length mm	Depth mm	Heat output in watts	Product code	Price 1	Price 2	Price 3	Price 4	Price 5	Price 6
			E-set *		Radiator in standard colour, white (RAL 9016), incl.			Radiator according to Kerma colour concept incl.		
					FKS/WKS in white	WFS in white	WRX in white/white	FKS/WKS in white	WFS in white	WRX in white/white
804	450	51	400	ERE10080045 .. XK	739.00	862.00	997.00	834.00	957.00	1092.00
804	524	64	400	ERE10080050 .. XK	743.00	866.00	1001.00	839.00	962.00	1097.00
804	599	60	400	ERE10080060 .. XK	747.00	870.00	1005.00	844.00	967.00	1102.00
804	749	70	600	ERE10080075 .. XK	791.00	912.00	1047.00	897.00	1018.00	1153.00
804	899	73	600	ERE10080090 .. XK	802.00	923.00	1058.00	911.00	1032.00	1167.00
1172	450	51	600	ERE10120045 .. XK	809.00	930.00	1065.00	920.00	1041.00	1176.00
1172	524	64	600	ERE10120050 .. XK	815.00	936.00	1071.00	927.00	1048.00	1183.00
1172	599	60	600	ERE10120060 .. XK	802.00	923.00	1058.00	911.00	1032.00	1167.00
1172	749	70	800	ERE10120075 .. XK	838.00	958.00	1093.00	954.00	1074.00	1209.00
1172	899	73	800	ERE10120090 .. XK	889.00	1009.00	1144.00	1018.00	1138.00	1273.00
1448	450	51	600	ERE10150045 .. XK	851.00	972.00	1107.00	972.00	1093.00	1228.00
1448	524	64	800	ERE10150050 .. XK	866.00	986.00	1121.00	989.00	1109.00	1244.00
1448	599	60	800	ERE10150060 .. XK	876.00	996.00	1131.00	1002.00	1122.00	1257.00
1448	749	70	800	ERE10150075 .. XK	899.00	1019.00	1154.00	1030.00	1150.00	1285.00
1448	899	73	1200	ERE10150090 .. XK	965.00	1088.00	1221.00	1111.00	1234.00	1367.00
1770	450	51	800	ERE10180045 .. XK	900.00	1020.00	1155.00	1032.00	1152.00	1287.00
1770	524	64	800	ERE10180050 .. XK	908.00	1028.00	1163.00	1042.00	1162.00	1297.00
1770	599	60	800	ERE10180060 .. XK	919.00	1039.00	1174.00	1055.00	1175.00	1310.00
1770	749	70	1200	ERE10180075 .. XK	967.00	1090.00	1223.00	1114.00	1237.00	1370.00
1770	899	73	1500	ERE10180090 .. XK	1042.00	1164.00	1298.00	1206.00	1328.00	1462.00

- Electrical set FKS in chrome silver: + EUR 122.00
- Electrical set (WKS, WFS) in titanium: + EUR 62.00
- Hot-dip galvanised (RAL 9016 textured): on request
- Anti-corrosion coating (RAL 9016): on request
- Anti-corrosion coating (colour): on request

When ordering, please state:  
colour, version. See page 257.

### Ordering example 1:

Basic R-E 804 x 450 mm in white (RAL 9016), electrical set WFS on the right in white

**Product code:** ERE10080045 2 F XK

### Ordering example 2:

Basic R-E 804 x 450 mm in circonsilver Metallic, electrical set WFS on the right in titanium

**Product code:** ERE10080045 Radiator colour circonsilver Metallic,  
electrical set WFS on the right in titanium

**Price:** Radiator with WFS in white 957.00 EUR + surcharge for electrical set in titanium 62.00 EUR = complete price 1019.00 EUR

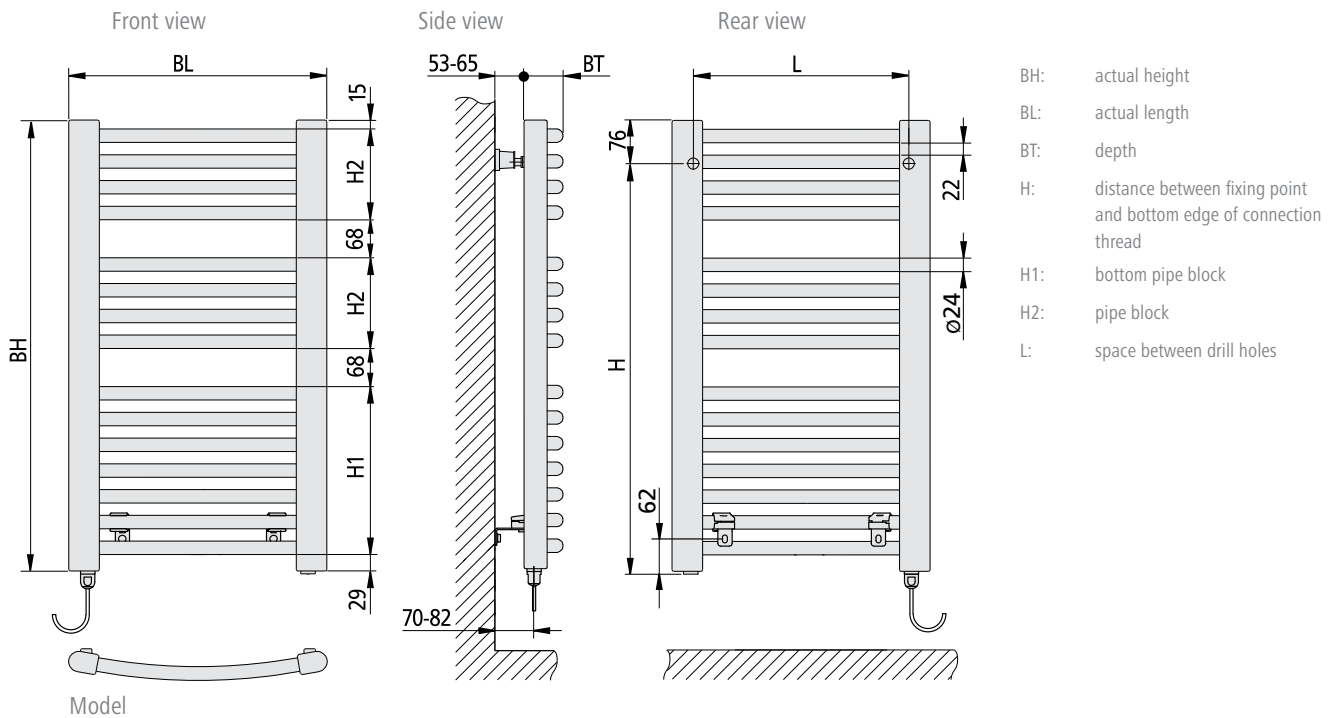


\* Please note: The specified power of the heating rod refers to the maximum electric power consumption. It should not be compared to the standard heat output of a radiator according to EN 442. An automatic control prevents overheating of the radiator during electric heating operation. Therefore, the maximum electrical power consumption is not constantly available for conversion into heat output. At normal room temperatures, the resulting heat output of the radiator is approx. 75% of the stated maximum electrical power consumption of the heating rod.

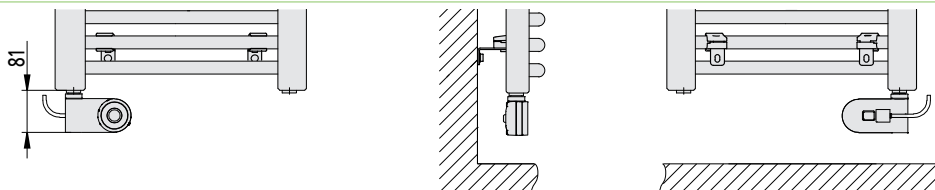
# Basic® R-E curved

## Technical information – All-electric operation

### Basic R-E dimensions



### Electrical set FKS connection



The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	H mm	L mm	H1 mm	H2 mm	Weight kg
804	450	51	734	389	300	162	11,60
804	524	64	734	463	300	162	12,60
804	599	60	734	538	300	162	13,60
804	749	70	734	688	300	162	15,80
804	899	73	734	838	300	162	18,00
1172	450	51	1102	389	300	208	16,80
1172	524	64	1102	463	300	208	17,90
1172	599	60	1102	538	300	208	20,10
1172	749	70	1102	688	300	208	23,30
1172	899	73	1102	838	300	208	26,60
1448	450	51	1377	389	438	254	20,70
1448	524	64	1377	463	438	254	22,10
1448	599	60	1377	538	438	254	24,70
1448	749	70	1377	688	438	254	28,80
1448	899	73	1377	838	438	254	32,90
1770	450	51	1700	389	438	254	25,20
1770	524	64	1700	463	438	254	26,80
1770	599	60	1700	538	438	254	30,00
1770	749	70	1700	688	438	254	35,00
1770	899	73	1700	838	438	254	39,90

#### Please note:

VDE 0100 part 701 must be observed during installation! For division into protected areas, see page 230. During installation, a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on site.



- Connections: The electric heating rod is pre-installed at the bottom in the manifold pipe.  
Installation of the wall elements on a empty socket or wall mounting with anchors.  
Protection type IPX4

- Operating conditions: The Basic R-E model is operated as an all-electric radiator.  
The electric heating rod is connected via the wall outlet or plug to 230 V 50 Hz AC.

- Test pressure: 13 bar

#### Electrical set FKS



Electrical set FKS, white



Electrical set FKS, chrome silver

The FKS version consists of an electronically regulated heating rod incl. controller (protection type IPX4) that is installed on the radiator. Length of cable on heating rod: approx. 1.2 m. The controller can be modified to be installed either on the right or left side of the radiator. Version with plug for direct connection to a socket. The controller is available in white and chrome silver.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function during commissioning possible
- "Open window" detection

#### Electrical set WKS



Electrical set WKS, white



Electrical set WKS, titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

#### Electrical set WFS



Electrical set WFS, white



Electrical set WFS, titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

#### Controller functions:

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection

#### Electrical set WRX



Electrical set WRX white/white



Electrical set WRX black/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to programme and control various functions.

#### Controller functions:

- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly programme (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30-120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection



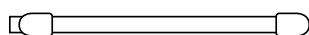
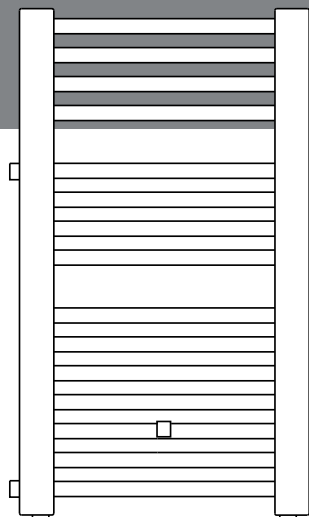
Electrical set WRX black/white

# The extremely simple replacement solution



# Basic<sup>®</sup>-D

- Vertical D-tube profiles, straight transverse pipes
- Simple replacement of old DIN radiators or steel panel radiators thanks to matching hub distances



Basic-D  
Replacement radiators  
page 192

# Basic<sup>®</sup>-D straight



## Product benefits

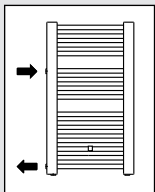
- Replacement radiator with variable hub distance on the side for hot water operation
- Easy replacement of DIN radiators and steel panel radiators
- Fixing not visible from the front
- Connections on the left or right side in manifold pipe
- Additional electric operation possible, heating rod can be retrofitted
- Hot-dip galvanised or anti-corrosion coating available. For technical description, see page 231



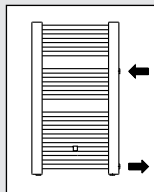
## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

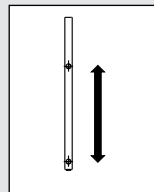
## Versions



Version **L**  
side connection on the left

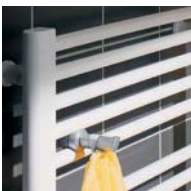


Version **R**  
side connection on the right



Hub distance on side in mm  
(NA min. 50 mm)

## Accessories



Extensive quality features far in excess of the standard.

## Pricing information – Hot water operation

Painted radiator									EUR excl. VAT I/2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts				Product code	Price 1	Price 2
				E-set Corresponding wattage	75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
804	450	35	1.2325	400	348	397 432	249 154	E001D080045 ..XK	602.00	753.00
804	524	35	1.2275	400	399	454 495	286 177	E001D080050 ..XK	606.00	758.00
804	599	35	1.2225	400	451	513 559	324 201	E001D080060 ..XK	609.00	761.00
804	749	35	1.2124	600	551	626 682	397 247	E001D080075 ..XK	647.00	809.00
804	899	35	1.2023	600	650	738 803	469 293	E001D080090 ..XK	657.00	821.00
1172	450	35	1.2321	600	511	582 635	366 226	E001D120045 ..XK	662.00	828.00
1172	524	35	1.2271	600	586	667 728	420 260	E001D120050 ..XK	667.00	834.00
1172	599	35	1.2221	600	662	753 821	475 294	E001D120060 ..XK	657.00	821.00
1172	749	35	1.2120	800	810	921 1003	583 363	E001D120075 ..XK	687.00	859.00
1172	899	35	1.2020	800	955	1085 1180	690 430	E001D120090 ..XK	736.00	920.00
1448	450	35	1.2318	600	631	719 784	452 279	E001D150045 ..XK	704.00	880.00
1448	524	35	1.2268	800	724	824 899	519 321	E001D150050 ..XK	714.00	893.00
1448	599	35	1.2218	800	817	930 1013	587 363	E001D150060 ..XK	722.00	903.00
1448	749	35	1.2118	800	1000	1137 1238	720 448	E001D150075 ..XK	748.00	935.00
1448	899	35	1.2017	1200	1179	1339 1457	851 531	E001D150090 ..XK	806.00	1008.00
1770	450	35	1.2256	800	767	873 952	550 340	E001D180045 ..XK	748.00	935.00
1770	524	35	1.2206	800	880	1001 1091	632 392	E001D180050 ..XK	756.00	945.00
1770	599	35	1.2155	800	993	1129 1230	714 444	E001D180060 ..XK	763.00	954.00
1770	749	35	1.2054	1200	1216	1382 1504	877 547	E001D180075 ..XK	807.00	1009.00
1770	899	35	1.1953	1500	1433	1626 1769	1037 649	E001D180090 ..XK	878.00	1098.00

- Hot-dip galvanised (RAL 9016 textured): Price 1 **x factor 2.8**
- Anti-corrosion coating (RAL 9016): **+ 40 %** on price 1
- Anti-corrosion coating (colour): **on request**
- Special solutions: **on request**

**Order example 1:** Basic-D 1172 x 599 mm in white (RAL 9016), side connection on the left, hub distance 500 mm

**Product code:** E001D120060 2 L XK

**Order example 2:** Basic-D 1172 x 599 mm in circonsilver Metallic, connection on left side, hub distance 500 mm

**Product code:** E001D120060 Radiator colour circonsilver Metallic, connection on left side, hub distance 500 mm

**When ordering, please state:**  
colour, version. See page 257.

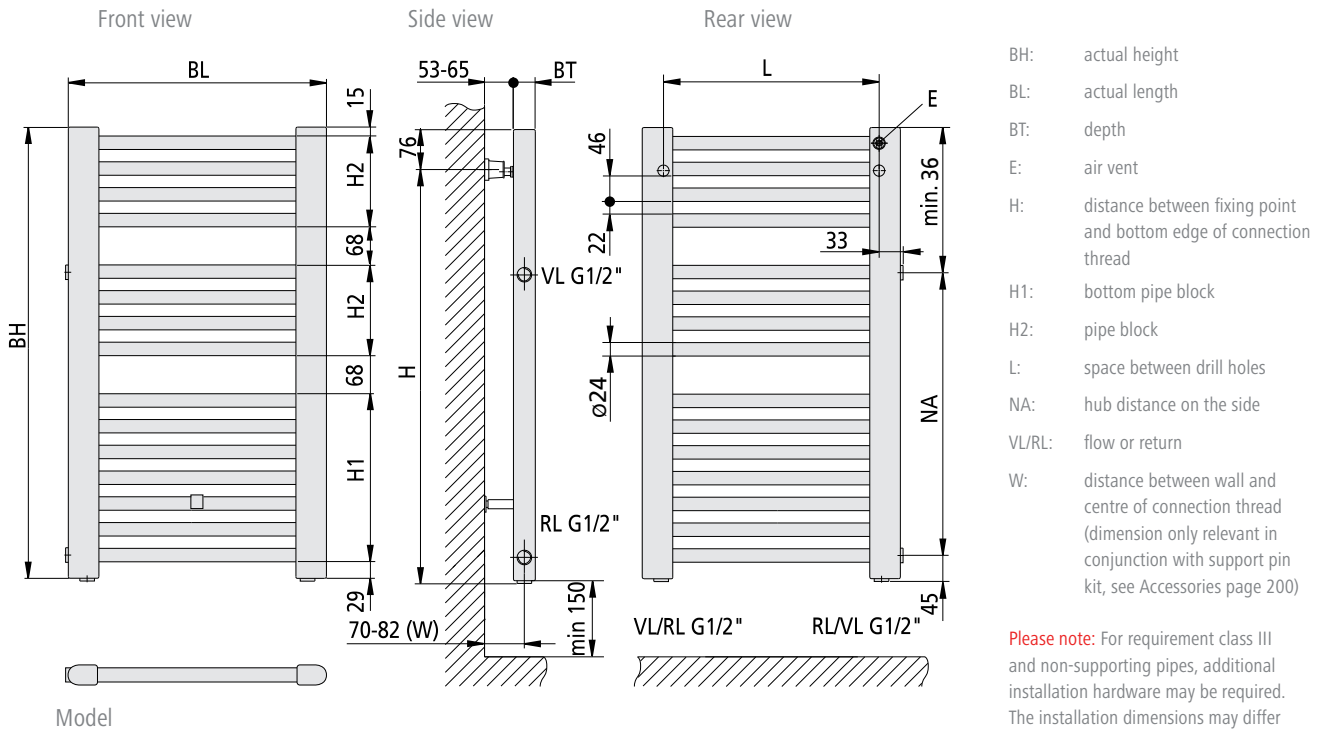


For additional electric operation, please order the appropriate electrical set for Basic-D on page 196

# Basic<sup>®</sup>-D straight

## Technical information – Hot water operation

### Basic-D dimensions



**Please note:** For requirement class III and non-supporting pipes, additional installation hardware may be required. The installation dimensions may differ as a result.

Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA min. 50 mm	H mm	L mm	H1 mm	H2 mm	Weight kg	Water content l
804	450	35	variable	734	395	300	162	6,80	4,30
804	524	35		734	469	300	162	7,40	4,80
804	599	35		734	544	300	162	8,10	5,20
804	749	35		734	694	300	162	9,40	6,10
804	899	35		734	844	300	162	10,80	6,90
1172	450	35		1102	395	300	208	9,80	6,20
1172	524	35		1102	469	300	208	10,70	6,90
1172	599	35		1102	544	300	208	11,70	7,50
1172	749	35		1102	694	300	208	13,60	8,80
1172	899	35		1102	844	300	208	15,60	10,00
1448	450	35		1377	395	438	254	12,10	7,70
1448	524	35		1377	469	438	254	13,40	8,50
1448	599	35		1377	544	438	254	14,60	9,30
1448	749	35		1377	694	438	254	17,10	10,90
1448	899	35		1377	844	438	254	19,60	12,50
1770	450	35		1700	395	438	254	14,50	9,60
1770	524	35		1700	469	438	254	16,00	10,50
1770	599	35		1700	544	438	254	17,50	11,50
1770	749	35		1700	694	438	254	20,50	13,40
1770	899	35		1700	844	438	254	23,50	15,40









For characteristic equation, see page 250.

- Connections: 2 x G 1/2" internal thread on the left or right side in manifold pipe, hub distance freely selectable starting at 50 mm.  
Flow at top.
- Air vent: G 1/4" backwards, on the left
- Operating pressure: max. 10 bar
- Test pressure: 13 bar
- Operating conditions: Hot water up to 110 °C.  
Additional electric operation possible (max. flow temperature 80 °C).  
The electric heating rod can be retrofitted.

# Basic®-D straight

## Information – Additional electric operation

 <b>Prices and electrical set wattage rating (additional electric operation)</b>						
Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electric heating rod</b> in white</p> <p>Due to legal requirements regarding electrical safety and energy consumption, an additional control device needs to be provided on site.</p>	150 watts / AC 230 V	1 piece	ZE0066 0031	<b>198.44</b>		
	300 watts / AC 230 V	1 piece	ZE0066 0001	<b>202.71</b>		
	400 watts / AC 230 V	1 piece	ZE0066 0002	<b>206.21</b>		
	600 watts / AC 230 V	1 piece	ZE0066 0003	<b>209.69</b>		
	800 watts / AC 230 V	1 piece	ZE0066 0004	<b>223.67</b>		
	1200 watts / AC 230 V	1 piece	ZE0066 0005	<b>244.65</b>		
	1500 watts / AC 230 V	1 piece	ZE0066 0032	<b>252.47</b>		
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	150 watts / AC 230 V	1 piece	ZE0103 0001	<b>268.00</b>	ZE0103 0078	<b>390.00</b>
	300 watts / AC 230 V	1 piece	ZE0103 0002	<b>274.00</b>	ZE0103 0079	<b>396.00</b>
	400 watts / AC 230 V	1 piece	ZE0103 0003	<b>279.00</b>	ZE0103 0080	<b>401.00</b>
	600 watts / AC 230 V	1 piece	ZE0103 0004	<b>286.00</b>	ZE0103 0081	<b>408.00</b>
	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
	1500 watts / AC 230 V	1 piece	ZE0103 0007	<b>306.00</b>	ZE0103 0084	<b>428.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0100 0001	<b>268.00</b>	ZE0100 0036	<b>330.00</b>
	300 watts / AC 230 V	1 piece	ZE0100 0002	<b>274.00</b>	ZE0100 0037	<b>336.00</b>
	400 watts / AC 230 V	1 piece	ZE0100 0003	<b>279.00</b>	ZE0100 0038	<b>341.00</b>
	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
	1500 watts / AC 230 V	1 piece	ZE0100 0007	<b>306.00</b>	ZE0100 0042	<b>368.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0101 0001	<b>390.00</b>	ZE0101 0036	<b>452.00</b>
	300 watts / AC 230 V	1 piece	ZE0101 0002	<b>397.00</b>	ZE0101 0037	<b>459.00</b>
	400 watts / AC 230 V	1 piece	ZE0101 0003	<b>402.00</b>	ZE0101 0038	<b>464.00</b>
	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
	1500 watts / AC 230 V	1 piece	ZE0101 0007	<b>428.00</b>	ZE0101 0042	<b>490.00</b>
Description	Wattage rating	Supply unit	Product code white/white	Product code white/black	Product code black/black	EUR excl. VAT I/2020
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	150 watts / AC 230 V	1 piece	ZE0315 0001	ZE0315 0008	ZE0315 0015	<b>526.00</b>
	300 watts / AC 230 V	1 piece	ZE0315 0002	ZE0315 0009	ZE0315 0016	<b>531.00</b>
	400 watts / AC 230 V	1 piece	ZE0315 0003	ZE0315 0010	ZE0315 0017	<b>537.00</b>
	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>
	1500 watts / AC 230 V	1 piece	ZE0315 0007	ZE0315 0014	ZE0315 0021	<b>562.00</b>





For additional electric operation, please order the appropriate electrical set for Basic-D. To match the various heating rod outputs to the radiator sizes, see the table "Heat output – E-set", page 193. For technical description, see page 189.



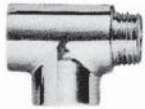
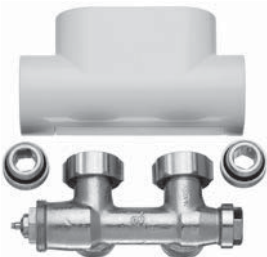
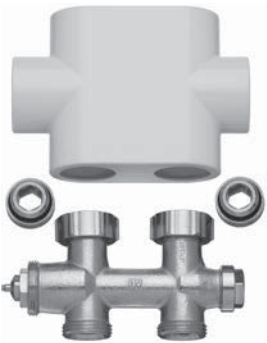


# Basic®-50, Basic®-E, Basic®-50 R, Basic® R-E, Basic®-D

## Accessories

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Towel hook</b>					
	Additional depth with towel hook installed + 67.7 mm.				
	Surface aluminium-lacquered	ZC0051 0001	1	piece	51.75 / piece
	Surface chrome-plated	ZC0051 0002	1	piece	75.83 / piece
<b>Towel rail straight</b>					
	For Basic-50, -E, -D. Additional depth with towel rail installed + 67.7 mm.				
	<b>Suitable for length of 599 mm. Can be cut for lengths of 450 mm and 524 mm.</b>				
	Surface aluminium-lacquered	ZC0043 0001	1	piece	93.79 / piece
	Surface chrome-plated	ZC0043 0002	1	piece	198.85 / piece
	<b>Suitable for length of 899 mm. Can be cut for length of 789 mm.</b>				
	Surface aluminium-lacquered	ZC0043 0003	1	piece	97.70 / piece
Surface chrome-plated	ZC0043 0004	1	piece	206.98 / piece	
<b>Towel shelf</b>					
	For Basic-50, -E, -D. Additional depth when towel shelf installed + 206.2 mm.				
	<b>Suitable for length of 599 mm. Can be cut for lengths of 450 mm and 524 mm.</b>				
	Surface aluminium-lacquered	ZC0041 0001	1	piece	134.14 / piece
	Surface chrome-plated	ZC0041 0002	1	piece	239.17 / piece
	<b>Suitable for length of 899 mm. Can be cut for length of 789 mm.</b>				
	Surface aluminium-lacquered	ZC0041 0003	1	piece	138.04 / piece
Surface chrome-plated	ZC0041 0004	1	piece	247.17 / piece	
<b>Cleaning brush</b>					
	Cleaning brush, three-piece				
		ZK0013 0002	1	piece	61.74 / piece

## Accessories

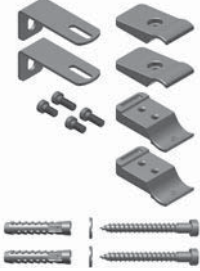



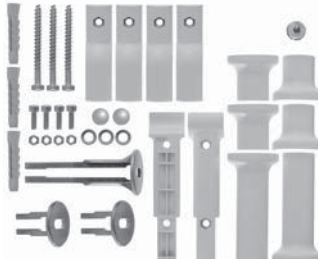
Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>T-piece</b>					
	<p>For Basic-50, -R and Basic-50 room divider.</p> <p>For connecting the electric heating rod in heating flow or return.</p>				
	Chrome-plated	ZT0056 0001	1	piece	24.39 / piece
<b>Valve shut-off block set, angled</b>					
	<p>For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4".</p> <p>Connections to the pipe system 3/4" euro taper (external thread).</p> <p>Connection for thermostatic sensor head M30 x 1.5.</p> <p>Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection).</p> <p>By setting the bypass spindle also suitable for one-pipe system!</p> <p>The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p>				
	<b>Set comprising:</b>				
	1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve,				
	1 decorative cover,				
	2 pipe reducing nipples.				
	<b>Attention: Note the flow direction in the radiator.</b>				
	Cover white	ZV0041 0001	1	piece	73.95 / piece
	Cover chrome	ZV0041 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0041 0003	1	piece	123.05 / piece
<b>Valve shut-off block, straight</b>					
	<p>For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4".</p> <p>Connections to the pipe system 3/4" euro taper (external thread).</p> <p>Connection for thermostatic sensor head M30 x 1.5.</p> <p>Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection).</p> <p>By setting the bypass spindle also suitable for one-pipe system!</p> <p>The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p>				
	<b>Set comprising:</b>				
	1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve,				
	1 decorative cover,				
	2 pipe reducing nipples.				
	<b>Attention: Note the flow direction in the radiator.</b>				
	Cover white	ZV0040 0001	1	piece	73.95 / piece
	Cover chrome	ZV0040 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0040 0003	1	piece	123.05 / piece

# Basic®-50, Basic®-E, Basic®-50 R, Basic® R-E, Basic®-D

## Accessories

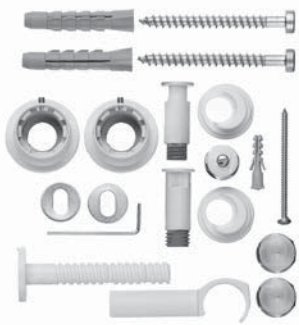
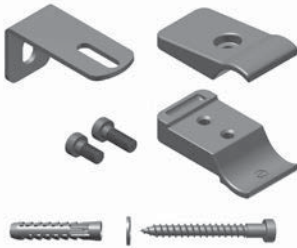
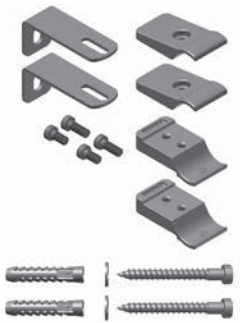
Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Thermostatic sensor head</b>					
	White	ZV0038 0003	1	piece	25.12 / piece
	Chrome	ZV0038 0001	1	piece	29.70 / piece
	Stainless steel appearance	ZV0038 0002	1	piece	38.30 / piece
<b>Support pins</b>					
	For Basic-D.				
	<b>Support pin 57 mm for distance to wall (W) 83 - 97 mm Set comprising 2 pieces</b>				
	Visible parts white	ZB0130 0001	2	piece	9.68 / piece
	Visible parts chrome	ZB0130 0003	2	piece	22.09 / piece
	* Please state colour and length of support pins when ordering:				
	Visible parts in colour	ZB0130*	2	piece	12.10 / piece
	<b>Support pin 72 mm for distance to wall (W) 98 - 112 mm Set comprising 2 pieces</b>				
	Visible parts white	ZB0130 0002	2	piece	9.68 / piece
	Visible parts chrome	ZB0130 0004	2	piece	22.09 / piece
	* Please state colour and length of support pins when ordering:				
	Visible parts in colour	ZB0130*	2	piece	12.10 / piece
<b>Spacer</b>					
	For Basic-50, Basic-D. Additional installation hardware for connection situations differing from Appendix D in accordance with VDI 6036 (non-supporting pipes)				
	Visible parts white	ZB0325 0001	1	piece	24.41 / piece
	Visible parts chrome	ZB0325 0002	1	piece	42.72 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0325*	1	piece	30.51 / piece

## Accessories


Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Spacer</b>					
	For Basic-50 R. Additional installation hardware for connection situations differing from Appendix D in accordance with VDI 6036 (non-supporting pipes).				
	Visible parts white	ZB0324 0001	1	piece	30.54 / piece
	Visible parts chrome	ZB0324 0002	1	piece	54.94 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0324*	1	piece	38.18 / piece
<b>Angle valve</b>					
	For Basic-50, -R. <b>Surface chrome-plated</b>				
	<b>Angle valve for left connection.</b>				
	DN 15 1/2" (thermostatic sensor head on the right), M30 x 1.5	ZV0030 0003	1	piece	152.38 / piece
	<b>Angle valve for right connection.</b>				
	DN 15 1/2" (thermostatic sensor head on the left), M30 x 1.5	ZV0030 0004	1	piece	152.38 / piece
<b>Angled return fitting</b>					
	For Basic-50, -R. <b>Surface chrome-plated</b>				
	DN 15 1/2"	ZV0018 0002	1	piece	118.84 / piece
<b>Room divider kit</b>					
	For Basic-50, -E. <b>Set comprising:</b> 2 wall brackets with covers, 1 floor bracket with cover, 3 anchors Ø 10, 3 screws 8 x 80, 1 air vent plug, 2 caps.				
	Suitable for requirement classes I and II (with connection situation according to Appendix D of VDI 6036)				
	Visible parts white	ZM0028 0002	1	piece	89.72 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZM0028*	1	piece	112.15 / piece

# Basic<sup>®</sup>-50, Basic<sup>®</sup>-E, Basic<sup>®</sup>-50 R, Basic<sup>®</sup> R-E, Basic<sup>®</sup>-D

## Spare parts

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	For Basic-50, Basic-50 R, Basic-D. <b>Set comprising:</b> 2 wall mounts, 2 cam caps, 2 support pins, 2 anchors Ø 10, 2 screws 8x80, 1 anchor Ø 6, 1 screw 4x60, 1 wall support with snap-on pin, 1 air vent plug, 1 Allen key 2.0, 2 elongated washers.				
Suitable for requirement classes I and II.	Visible parts white	ZB0184 0001	1	piece	24.71 / piece
	Visible parts chrome	ZB0184 0002	1	piece	72.54 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0184*	1	piece	30.89 / piece
<b>Spacer</b>					
	For Basic-E. In addition to fixing set ZB0184.				
	Visible parts white	ZB0325 0001	1	piece	24.41 / piece
	Visible parts chrome	ZB0325 0002	1	piece	42.72 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0325*	1	piece	30.51 / piece
<b>Spacer</b>					
	For Basic R-E. In addition to fixing set ZB0184.				
	Visible parts white	ZB0324 0001	1	piece	30.54 / piece
	Visible parts chrome	ZB0324 0002	1	piece	54.94 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0324*	1	piece	38.18 / piece

## Spare parts

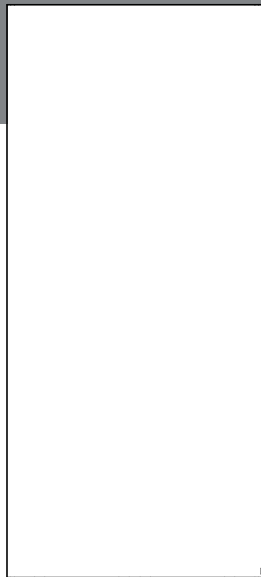
Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
Air vent plug					
	Ø1/4" Set comprising 10 pieces.				
		ZT0054 0001	10	piece	4.05 / piece





# Pateo<sup>®</sup>

- Extensive, timeless design with soft transitions
- High heat output for highest heat demand
- Also ideally suited for low system temperatures
- Highest energy efficiency thanks to unique x2 technology
- 9 different dimensions and flexible connection options
- Infinitely height-adjustable towel rails as an option
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting



Pateo  
Compact radiator  
page 206



## Product benefits

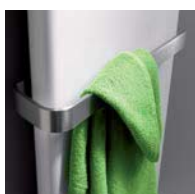
- Compact radiator for hot water operation
- Many connection options (at the centre, on the side at the bottom and top)
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- Fixing not visible from the front
- Very high heat output
- x2 inside for max. energy efficiency
- Anti-corrosion coating available. For technical description, see page 231



## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

## Accessories



## x-link plus connection fitting



For prices and description of x-link plus, see page 234



Extensive quality features far in excess of the standard.

## Pricing information – Hot water operation

Painted radiator								EUR excl. VAT I / 2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts			Product code	Price 1	Price 2
				75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
1525	500	66	1.3346	1056	1216 1336	736 436	PSR21150050 . XXK	804.00	1005.00
1525	600	66	1.3335	1291	1487 1633	900 533	PSR21150060 . XXK	883.00	1104.00
1525	700	66	1.3325	1530	1762 1935	1066 632	PSR21150070 . XXK	962.00	1203.00
1725	500	66	1.3339	1149	1323 1454	801 474	PSR21170050 . XXK	864.00	1080.00
1725	600	66	1.3349	1406	1619 1779	979 580	PSR21170060 . XXK	944.00	1180.00
1725	700	66	1.3359	1666	1919 2108	1160 687	PSR21170070 . XXK	1022.00	1278.00
1925	500	66	1.3860	1247	1444 1592	857 497	PSR21190050 . XXK	925.00	1156.00
1925	600	66	1.3623	1525	1762 1939	1054 618	PSR21190060 . XXK	1003.00	1254.00
1925	700	66	1.3386	1808	2083 2289	1258 744	PSR21190070 . XXK	1083.00	1354.00

- Anti-corrosion coating (RAL 9016): + 40 % on price 1
- Anti-corrosion coating (colour): on request

When ordering, please state: colour.  
See page 257.

### Ordering example 1:

Pateo 1725 x 600 mm in white (RAL 9016)

Product code: PSR21170060 2 XXK

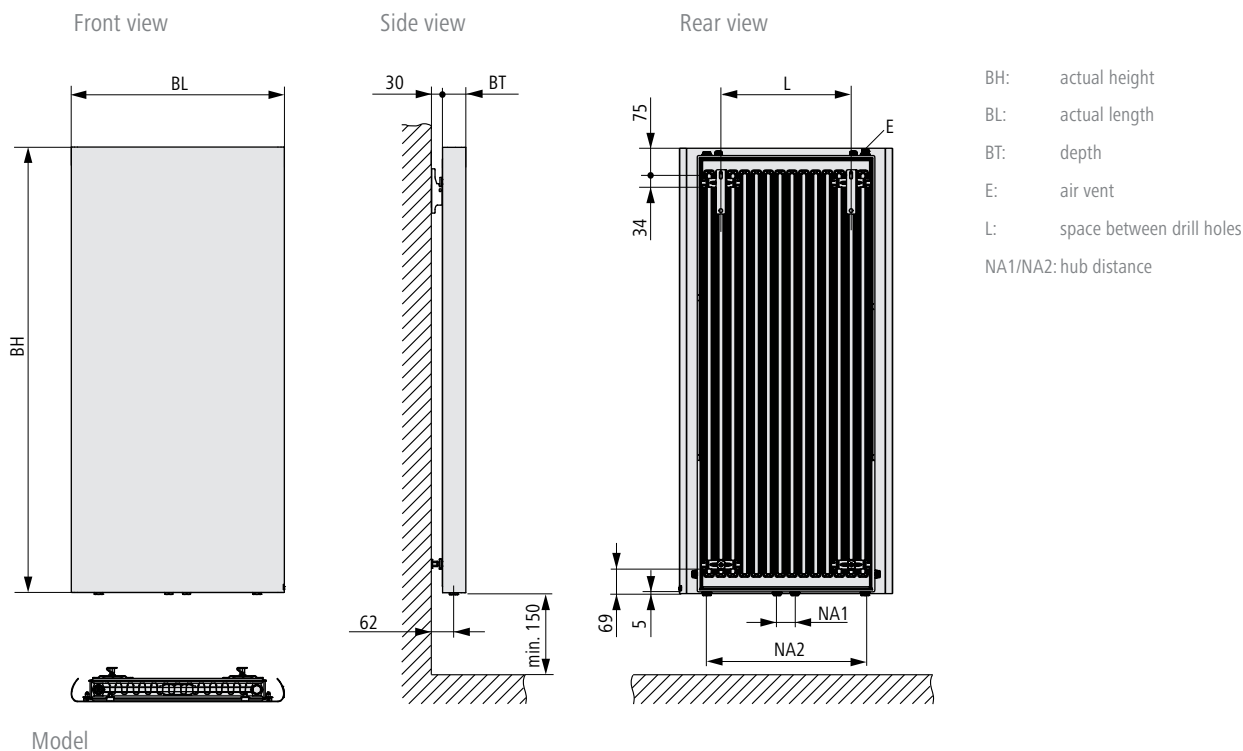
### Ordering example 2:

Pateo 1725 x 600 mm in circonsilver Metallic

Product code: PSR21170060 Radiator colour circonsilver Metallic

Technical information – Hot water operation

Pateo dimensions



Distance from bottom edge of radiator to floor min. 150 mm.  
The position of the radiator should be adapted to the individual room setting according to what looks best.

BH mm	BL mm	BT mm	NA1 mm	NA2 mm	L mm	Weight kg	Water content l
1525	500	66	50	346	267	37,70	5,80
1525	600	66	50	446	367	45,90	7,30
1525	700	66	50	546	467	54,10	8,80
1725	500	66	50	346	267	41,90	6,50
1725	600	66	50	446	367	51,20	8,20
1725	700	66	50	546	467	60,50	9,90
1925	500	66	50	346	267	47,80	7,30
1925	600	66	50	446	367	58,50	9,10
1925	700	66	50	546	467	69,30	11,00



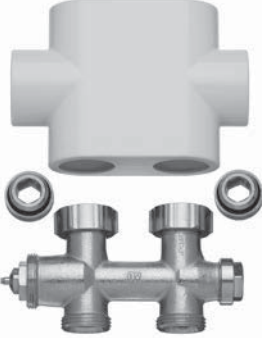



For characteristic equation,  
see page 250.

- Connections: 2 x G 1/2" internal thread at bottom centre, flow on the left.  
2 x G 1/2" internal thread at bottom on either side, flow on the left.  
2 x G 1/2" internal thread at top on either side, flow on the left.  
Suitable for one-pipe system with bottom centre connection.
- Air vent: G 1/2" upwards, on the left
- Operating pressure: max. 10 bar
- Test pressure: 13 bar
- Operating conditions: Hot water up to 110 °C.

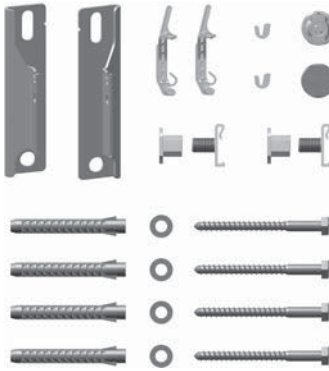


Accessories

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Towel rail</b>					
	Additional depth with towel rail installed + 48 mm.				
	<b>Brushed stainless steel surface</b>				
	Suitable for length 500 mm	ZC0100 0001	1	piece	177.09 / piece
	Suitable for length 600 mm	ZC0100 0002	1	piece	187.15 / piece
	Suitable for length 700 mm	ZC0100 0003	1	piece	197.18 / piece
	<b>Polished stainless steel surface</b>				
	Suitable for length 500 mm	ZC0110 0001	1	piece	212.99 / piece
	Suitable for length 600 mm	ZC0110 0002	1	piece	224.25 / piece
	Suitable for length 700 mm	ZC0110 0003	1	piece	235.53 / piece
<b>Angle valve</b>					
<b>Surface chrome-plated</b>					
	<b>Angle valve for left connection.</b>				
	DN 15 1/2" (thermostatic sensor head on the right), M30 x 1.5	ZV0030 0003	1	piece	152.38 / piece
	<b>Angle valve for right connection.</b>				
	DN 15 1/2" (thermostatic sensor head on the left), M30 x 1.5	ZV0030 0004	1	piece	152.38 / piece
<b>Angled return fitting</b>					
	<b>Surface chrome-plated</b>				
	DN 15 1/2"	ZV0018 0002	1	piece	118.84 / piece
<b>Valve shut-off block set, angled</b>					
	For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4". Connections to the pipe system 3/4" euro taper (external thread). Connection for thermostatic sensor head M30 x 1.5. Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection). By setting the bypass spindle also suitable for one-pipe system! The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).				
	<b>Set comprising:</b> 1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve, 1 decorative cover, 2 pipe reducing nipples.				
	<b>Attention: Note the flow direction in the radiator.</b>				
	Cover white	ZV0041 0001	1	piece	73.95 / piece
	Cover chrome	ZV0041 0002	1	piece	111.61 / piece
Cover with stainless steel appearance	ZV0041 0003	1	piece	123.05 / piece	

## Accessories


Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Valve shut-off block, straight</b>					
	<p>For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4".</p> <p>Connections to the pipe system 3/4" euro taper (external thread).</p> <p>Connection for thermostatic sensor head M30 x 1.5.</p> <p>Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection).</p> <p>By setting the bypass spindle also suitable for one-pipe system!</p> <p>The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p> <p><b>Set comprising:</b></p> <p>1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve,</p> <p>1 decorative cover,</p> <p>2 pipe reducing nipples.</p> <p><b>Attention: Note the flow direction in the radiator.</b></p>				
	Cover white	ZV0040 0001	1	piece	73.95 / piece
	Cover chrome	ZV0040 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0040 0003	1	piece	123.05 / piece
<b>Thermostatic sensor head</b>					
	White	ZV0038 0003	1	piece	25.12 / piece
	Chrome	ZV0038 0001	1	piece	29.70 / piece
	Stainless steel appearance	ZV0038 0002	1	piece	38.30 / piece

## Spare parts

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	<p><b>Set comprising:</b></p> <ul style="list-style-type: none"> <li>1 wall bracket on the left,</li> <li>1 wall bracket on the right,</li> <li>2 spacers,</li> <li>2 safety clips,</li> <li>2 sound insulation clips,</li> <li>4 screws,</li> <li>4 washers,</li> <li>4 anchors,</li> <li>1 blanking plug,</li> <li>1 air vent plug.</li> </ul>				
	Visible parts white	ZB0293 0001	1	piece	36.68 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0293*	1	piece	45.85 / piece
<b>Wall bracket set (short)</b>					
	<p>Additional installation hardware for connection situations differing from appendix D of VDI 6036 (non-supporting pipes).</p> <p><b>Set comprising:</b></p> <ul style="list-style-type: none"> <li>1 wall bracket short,</li> <li>2 screws,</li> <li>2 washers,</li> <li>2 anchors,</li> <li>1 sound insulation clip,</li> <li>1 dehooking safety device for wall bracket.</li> </ul> <p><b>Note: 2 brackets are required per radiator.</b></p>				
	<b>Wall distance (W) 30 mm</b>				
	Visible parts white	ZB0282 0001	1	piece	5.30 / piece
	* Please state colour and distance to wall when ordering:				
	Visible parts in colour	ZB0282*	1	piece	6.63 / piece
<b>Shift restraint for wall bracket</b>					
	<p>For wall bracket ZB0282...</p> <p>Additional installation hardware for connection situations differing from appendix D of VDI 6036 (non-supporting pipes).</p> <p><b>Set comprising 2 pieces</b></p>				
		ZK0020 0001	2	piece	7.22 / piece



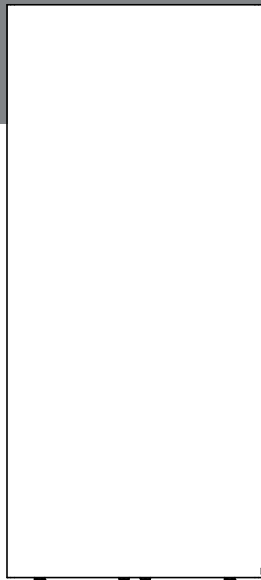
## Spare parts

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
Shift restraint for wall bracket					
	<p>For installation on the lower lug. Required if height &gt; 1.5 x length. To secure the lower section of the radiator against shifting. One set per radiator required. <b>Set comprising 2 pieces</b></p>	ZK0082 0001	2	piece	3.06 / piece



# Rubeo®

- Extensive, timeless design with clear lines
- High heat output for highest heat demand
- Also ideally suited for low system temperatures
- Highest energy efficiency thanks to unique x2 technology
- 9 different dimensions and flexible connection options
- Infinitely height-adjustable towel rails as an option
- Connection to x-net underfloor heating possible with x-link plus connection fitting.



Rubeo  
Compact radiator  
page 216



## Product benefits

- Compact radiator for hot water operation
- Many connection options (at the centre, on the side at the bottom and top)
- Connection to Kermi x-net underfloor heating possible with x-link plus connection fitting
- Fixing not visible from the front
- Very high heat output
- x2 inside for max. energy efficiency
- Anti-corrosion coating available. For technical description, see page 231



## Scope of delivery

- Fixing set included, satisfies requirement classes I and II of guideline VDI 6036. Requirement class III possible on request. Wall-building material needs to be tested on site for sufficient loading capacity. All visible fixing parts in radiator colour

## Accessories



## x-link plus connection fitting



For prices and description of x-link plus, see page 234



Extensive quality features far in excess of the standard.

## Pricing information – Hot water operation

Painted radiator								EUR excl. VAT I / 2020	
Height mm	Length mm	Depth mm	Radiator exponent n	Heat output in watts			Product code	Price 1	Price 2
				75/65-20 °C	90/70-24 °C 90/70-20 °C	70/55-24 °C 55/45-24 °C			
1525	470	66	1.3346	1056	1216 1336	736 436	PSS21150050 . XXX	804.00	1005.00
1525	570	66	1.3335	1291	1487 1633	900 533	PSS21150060 . XXX	883.00	1104.00
1525	670	66	1.3325	1530	1762 1935	1066 632	PSS21150070 . XXX	962.00	1203.00
1725	470	66	1.3339	1149	1323 1454	801 474	PSS21170050 . XXX	864.00	1080.00
1725	570	66	1.3349	1406	1619 1779	979 580	PSS21170060 . XXX	944.00	1180.00
1725	670	66	1.3359	1666	1919 2108	1160 687	PSS21170070 . XXX	1022.00	1278.00
1925	470	66	1.3860	1247	1444 1592	857 497	PSS21190050 . XXX	925.00	1156.00
1925	570	66	1.3623	1525	1762 1939	1054 618	PSS21190060 . XXX	1003.00	1254.00
1925	670	66	1.3386	1808	2083 2289	1258 744	PSS21190070 . XXX	1083.00	1354.00

- Anti-corrosion coating (RAL 9016): + 40 % on price 1
- Anti-corrosion coating (colour): on request

When ordering, please state: colour.  
See page 257.

### Ordering example 1:

Rubeo 1725 x 570 mm in white (RAL 9016)

Product code: PSS21170060 2 XXX

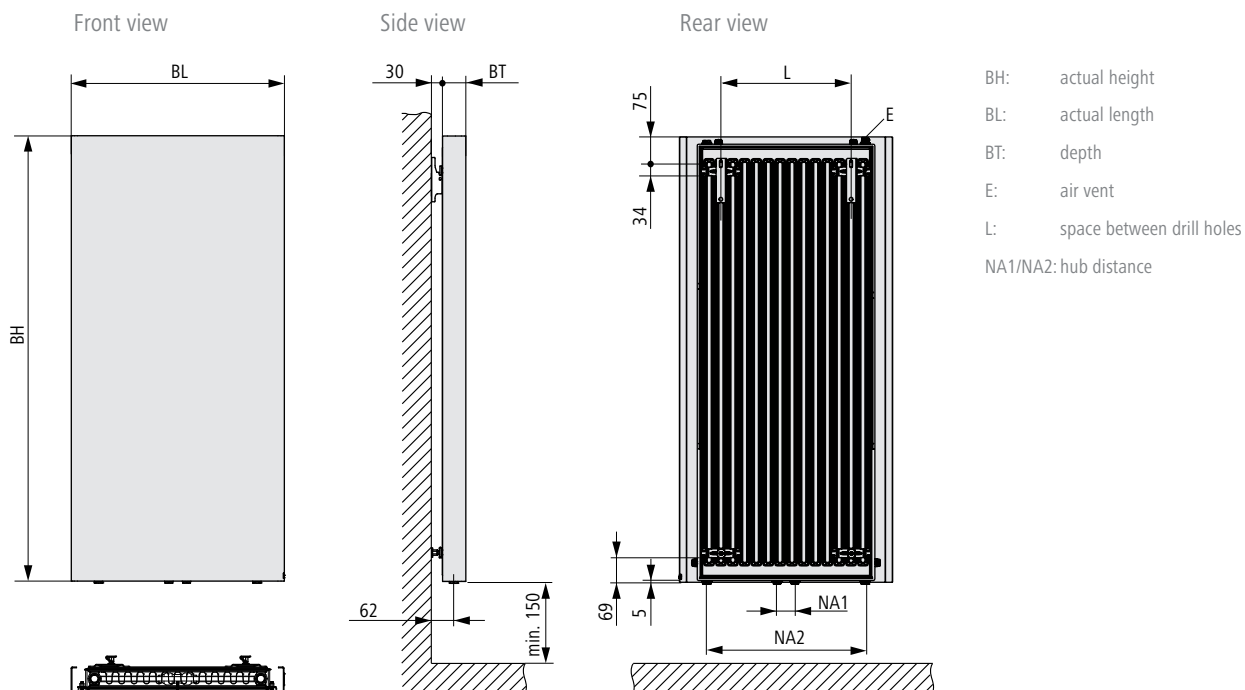
### Ordering example 2:

Rubeo 1725 x 570 mm in circonsilver Metallic

Product code: PSS21170060 Radiator colour circonsilver Metallic

## Technical information – Hot water operation

### Rubeo dimensions



Model

Distance from bottom edge of radiator to floor min. 150 mm.

The position of the radiator should be adapted to the individual room setting according to what looks best.





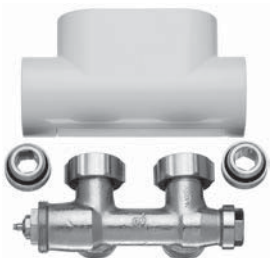
BH mm	BL mm	BT mm	NA1 mm	NA2 mm	L mm	Weight kg	Water content l
1525	470	66	50	346	267	37,70	5,80
1525	570	66	50	446	367	45,90	7,30
1525	670	66	50	546	467	54,10	8,80
1725	470	66	50	346	267	41,90	6,50
1725	570	66	50	446	367	51,20	8,20
1725	670	66	50	546	467	60,50	9,90
1925	470	66	50	346	267	47,80	7,30
1925	570	66	50	446	367	58,50	9,10
1925	670	66	50	546	467	69,30	11,00



For characteristic equation,  
see page 250.

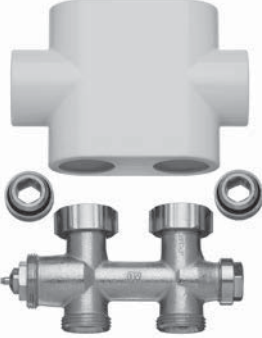



- Connections: 2 x G 1/2" internal thread at bottom centre, flow on the left.  
2 x G 1/2" internal thread at bottom on either side, flow on the left.  
2 x G 1/2" internal thread at top on either side, flow on the left.  
Suitable for one-pipe system with bottom centre connection.
- Air vent: G 1/2" upwards, on the left
- Operating pressure: max. 10 bar
- Test pressure: 13 bar
- Operating conditions: Hot water up to 110 °C.

## Accessories

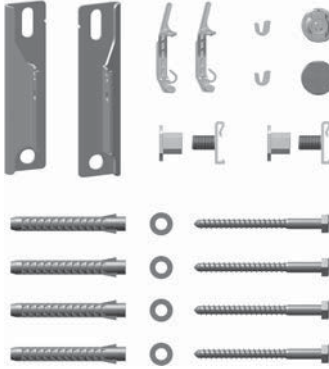


Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Towel rail</b>					
	Additional depth with towel rail installed + 48 mm.				
	<b>Brushed stainless steel surface</b>				
	Suitable for length 470 mm	ZC0099 0003	1	piece	177.09 / piece
	Suitable for length 570 mm	ZC0099 0001	1	piece	187.15 / piece
	Suitable for length 670 mm	ZC0099 0002	1	piece	197.18 / piece
	<b>Polished stainless steel surface</b>				
	Suitable for length 470 mm	ZC0109 0001	1	piece	212.99 / piece
	Suitable for length 570 mm	ZC0109 0002	1	piece	224.25 / piece
	Suitable for length 670 mm	ZC0109 0003	1	piece	235.53 / piece
<b>Angle valve</b>					
<b>Surface chrome-plated</b>					
	<b>Angle valve for left connection.</b>				
	DN 15 1/2" (thermostatic sensor head on the right), M30 x 1.5	ZV0030 0003	1	piece	152.38 / piece
	<b>Angle valve for right connection.</b>				
	DN 15 1/2" (thermostatic sensor head on the left), M30 x 1.5	ZV0030 0004	1	piece	152.38 / piece
<b>Angled return fitting</b>					
	<b>Surface chrome-plated</b>				
	DN 15 1/2"	ZV0018 0002	1	piece	118.84 / piece
<b>Valve shut-off block set, angled</b>					
	For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4". Connections to the pipe system 3/4" euro taper (external thread). Connection for thermostatic sensor head M30 x 1.5. Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection). By setting the bypass spindle also suitable for one-pipe system! The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).				
	<b>Set comprising:</b>				
	1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve,				
	1 decorative cover,				
	2 pipe reducing nipples.				
<b>Attention: Note the flow direction in the radiator.</b>					
Cover white	ZV0041 0001	1	piece	73.95 / piece	
Cover chrome	ZV0041 0002	1	piece	111.61 / piece	
Cover with stainless steel appearance	ZV0041 0003	1	piece	123.05 / piece	




## Accessories

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Valve shut-off block, straight</b>					
	<p>For connection to radiators with G 1/2" (internal thread), incl. reducing pipe nipple 1/2" x 3/4".</p> <p>Connections to the pipe system 3/4" euro taper (external thread).</p> <p>Connection for thermostatic sensor head M30 x 1.5.</p> <p>Valve adjustable (delivery status: for two-pipe system, valve with highest presetting, incl. installation site protection).</p> <p>By setting the bypass spindle also suitable for one-pipe system!</p> <p>The integrated thermostatic valve is suitable for flowing from both sides (irrespective of the flow path).</p> <p><b>Set comprising:</b></p> <p>1 fitting with 50 mm hub distance between radiator and pipe system with integrated valve,</p> <p>1 decorative cover,</p> <p>2 pipe reducing nipples.</p> <p><b>Attention: Note the flow direction in the radiator.</b></p>				
	Cover white	ZV0040 0001	1	piece	73.95 / piece
	Cover chrome	ZV0040 0002	1	piece	111.61 / piece
	Cover with stainless steel appearance	ZV0040 0003	1	piece	123.05 / piece
<b>Thermostatic sensor head</b>					
	White	ZV0038 0003	1	piece	25.12 / piece
	Chrome	ZV0038 0001	1	piece	29.70 / piece
	Stainless steel appearance	ZV0038 0002	1	piece	38.30 / piece

## Spare parts

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Fixing set</b>					
	<p><b>Set comprising:</b></p> <ul style="list-style-type: none"> <li>1 wall bracket on the left,</li> <li>1 wall bracket on the right,</li> <li>2 spacers,</li> <li>2 safety clips,</li> <li>2 sound insulation clips,</li> <li>4 screws,</li> <li>4 washers,</li> <li>4 anchors,</li> <li>1 blanking plug,</li> <li>1 air vent plug.</li> </ul>				
Suitable for requirement classes I and II.	Visible parts white	ZB0293 0001	1	piece	36.68 / piece
	* Please state colour when ordering:				
	Visible parts in colour	ZB0293*	1	piece	45.85 / piece
<b>Wall bracket set (short)</b>					
	<p>Additional installation hardware for connection situations differing from Appendix D in accordance with VDI 6036 (non-supporting pipes).</p> <p><b>Set comprising:</b></p> <ul style="list-style-type: none"> <li>1 wall bracket short,</li> <li>2 screws,</li> <li>2 washers,</li> <li>2 anchors,</li> <li>1 sound insulation clip,</li> <li>1 dehinging safety device for wall bracket.</li> </ul> <p><b>Note: 2 brackets are required per radiator.</b></p>				
	<b>Wall distance (W) 30 mm</b>				
	Visible parts white	ZB0282 0001	1	piece	5.30 / piece
	* Please state colour and distance to wall when ordering:				
	Visible parts in colour	ZB0282*	1	piece	6.63 / piece
<b>Shift restraint for wall bracket</b>					
	<p>For wall bracket ZB0282...</p> <p>Additional installation hardware for connection situations differing from Appendix D in accordance with VDI 6036 (non-supporting pipes).</p> <p><b>Set comprising 2 pieces</b></p>				
		ZK0020 0001	2	piece	7.22 / piece

## Spare parts

Description Illustration	Description	Product code	Delivery quantity	Quantity unit	Price / quantity unit EUR excl. VAT
<b>Shift restraint for wall bracket</b>					
	<p>For installation on the lower lug. Required if height &gt; 1.5 x length. To secure the lower section of the radiator against shifting. One set per radiator required. <b>Set comprising 2 pieces</b></p>	ZK0082 0001	2	piece	3.06 / piece

# Additional electric or all-electric operation



# Pleasant heat whenever needed

## Additional electric or all-electric operation

Comfortable heat in the bathroom – this is perfectly achievable even without being connected to a central heating network. Either with additional electric or all-electric operation.

The uncomplicated option for completely independent heat. For standard connection to the central heating, the additional electric operation is added to most versions as an option for well-tempered heat also in the transitional season and for towels that are always dry and comfortably warm. Or the version for all-electric operation, completely independent from the central heating network. Equipped with latest, user-friendly control technology.



**Electrical set FKS.** Simply set the desired room temperature on the control directly on the radiator and the electronically controlled heating rod ensures pleasant warmth.



**Electrical set WFS.** The wireless solution allows the control unit to be positioned anywhere in the room. Simple setting of the room temperature or towel warming function. Especially suitable for renovations.

Fig. on left page, left:

### Additional electric operation.

As an option for pleasant warmth also in the transitional season and for towels that are always nicely dry and comfortably warm.

Fig. on left page, right:

### All-electric operation.

Completely independent of a central heating network. A cost and time-saving solution primarily for old buildings.



**Electrical set WKS.** The external remote control is connected to the heating rod by a flush-mounted cable and can be positioned at a convenient height.



**Electrical set WRX.** The individual daily room temperature or the towel warming function can be set conveniently on the LCD screen. Energy-saving, convenient heating thanks to intelligent control.

# Standard and Comfort electrical sets.

For additional electric or all-electric operation.

The electrical sets from Kermi offer just the right solution for perfect warmth for tricky applications. For conventional use, electrical solutions are ideal as auxiliary heating for use in transitional seasons without starting up the central heating, or for warming towels. They also offer the ideal solution for temporary, on-demand heating, for example in holiday apartments or areas which are rarely used.

Especially with purely electrical operation, flexible positioning of the radiators is an advantage when retrospectively installing a radiator if there is no available connection to the heating circuit or the output of the heat source is no longer sufficient for the additional radiator. The only requirement is a 230 V mains connection.

## Flexible installation – maximum heating convenience

The electrical solutions cover all potential applications with a wide variety of radiators from the Kermi design radiator range (for overview, see page 252). The heating comfort fully matches that from radiators connected to the central heating. Depending on heat demand and radiator dimensions, electronically controlled heating rods are available with various output levels. The integrated antifreeze protection ensures ultimate safety. In all-electric versions, the radiators are factory-filled with a special liquid for optimum heat transfer.

With the wall versions, there is a choice of two transmission paths for the communication between remote control and remote control unit, depending on structural conditions and comfort requirements:

With the cable solution (WKS), there must be a direct wiring connection under the plaster between the heating rod and control unit. This can be installed anywhere in a flush-mounted box.

The wireless solution offers complete freedom. The control units (WFS / WRX) are designed as surface-mounted housings and can be positioned as required. The power is provided by commercially available batteries, which have a long service life thanks to the low power consumption.

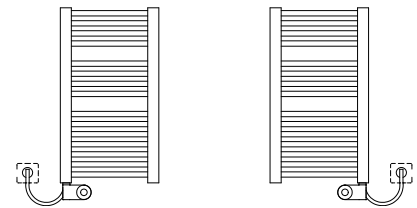
## Standard version. User-friendly technology for infinitely variable room temperature control.

In the standard version, the control unit is either attached to the heating rod itself (flange version, FKS) or designed as an external remote control (wall version WKS, WFS), which can be positioned anywhere at a convenient control height with the WFS.

## Comfort version. Everything is controlled for individual heating comfort.

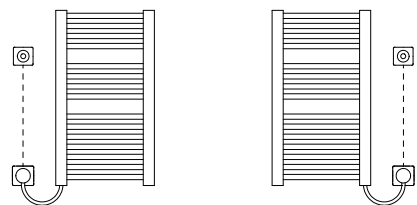
The comfort version (WRX) provides a remote control unit with an LCD screen.

### Electrical set FKS:



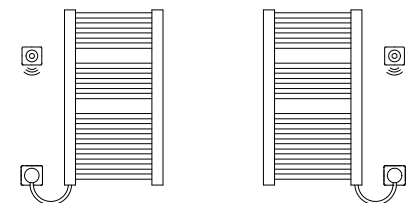
Electrical set FKS on the left    Electrical set FKS on the right

### Electrical set WKS:



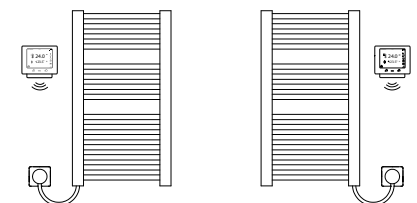
Electrical set WKS on the left    Electrical set WKS on the right

### Electrical set WFS:



Electrical set WFS on the left    Electrical set WFS on the right

### Electrical set WRX:



Electrical set WRX on the left    Electrical set WRX on the right



FKS white

FKS chrome silver

The FKS version consists of an electronically regulated heating rod incl. controller (protection type IPX4) that is installed on the radiator. Length of cable on heating rod: approx. 1.2 m. The controller can be modified to be installed either on the right or left side of the radiator. Version with plug for direct connection to a socket. The controller is available in white and chrome silver.

**Controller functions:**

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function during commissioning possible
- "Open window" detection



WKS white

WKS titanium

The WKS version consists of a wall outlet (protection type IPX4), an electronically regulated heating rod, and the standard controller. Length of cable on heating rod: approx. 1.2 m. The standard controller needs to be mounted on a flush-mounted box. Power is supplied from a flush-mounted box provided for the controller. Connection between controller and the wall outlet requires a cable provided on site. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium.

**Controller functions:**

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection



WFS white

WFS titanium

The WFS version consists of a wall outlet (protection type IPX4), incl. radio receiver, an electronically regulated heating rod, and the radio standard controller. Length of cable on heating rod: approx. 1.2 m. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet and the controller are available in white and titanium. As the controller is battery-powered, it can be freely mounted in the room.

**Controller functions:**

- Continuously variable temperature control
- Boost mode (full capacity for 60 minutes)
- Antifreeze protection
- Function display (Heating, Off, Booster)
- Switching from room temperature control to purely towel warming function possible
- "Open window" detection



WRX white/white

WRX black/black

WRX white/black

The WRX version consists of a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller. The wall outlet needs to be mounted on a flush-mounted box. The wall outlet is available in white and the controller in white/white, black/black and white/black. As the controller is battery-powered, it can be freely mounted in the room. The radio controller is equipped with a touch display which can be used to program and control various functions.

**Controller functions:**

- Room temperature control for high and low setting levels at programmed time intervals
  - Programmable time interval 15 minutes
  - 2 preset, 1 freely programmable weekly program (room temperature)
- The towel warming function is independent of room temperature and can be individually set for each day for programmable time intervals
  - Programmable time interval 15 minutes
  - 1 preset, 1 freely programmable
- Boost mode (adjustable 30 - 120 minutes)
- Antifreeze protection
- Function display (room temperature, weekday, time)
- "Presence" mode
- "Absence" mode
- "Open window" detection

## Additional electric operation.

As an option for pleasant warmth in the transitional season and for towels that are always nicely dry and comfortably warm.

**For additional electric operation, the radiators are connected to the hot-water heating system.**





The radiator must always be completely filled with water and fully bled, as otherwise operation with the electric heating rod cannot heat effectively. The expansion of the water contained in the radiator into the expansion tank must be guaranteed, whether it is being used with or without the electric heating rod and even if the flow valve is closed. It should only be possible to operate a valve installed in the return using a tool to prevent the valve being shut without authorisation. This valve must always be open during operation with the electric heating rod.







## Prices and electric heating rod wattage/ electrical set (additional electric operation)

Description	Wattage rating	Supply unit	Product code white	EUR excl. VAT I/2020	Product code titanium / chrome silver	EUR excl. VAT I/2020
 <p><b>Electric heating rod</b> in white</p> <p>Due to legal requirements regarding electrical safety and energy consumption, an additional control device needs to be provided on site.</p>	150 watts / AC 230 V	1 piece	ZE0066 0031	<b>198.44</b>		
	300 watts / AC 230 V	1 piece	ZE0066 0001	<b>202.71</b>		
	400 watts / AC 230 V	1 piece	ZE0066 0002	<b>206.21</b>		
	600 watts / AC 230 V	1 piece	ZE0066 0003	<b>209.69</b>		
	800 watts / AC 230 V	1 piece	ZE0066 0004	<b>223.67</b>		
	1200 watts / AC 230 V	1 piece	ZE0066 0005	<b>244.65</b>		
	1500 watts / AC 230 V	1 piece	ZE0066 0032	<b>252.47</b>		
 <p><b>Electrical set FKS</b> in white or chrome silver</p> <p>The electrical set FKS comprising an electronically controlled heating rod, incl. controller (protection type IPX4) mounted on the radiator. The controller can be modified to be installed either on the right or left side of the radiator.</p>	150 watts / AC 230 V	1 piece	ZE0103 0001	<b>268.00</b>	ZE0103 0078	<b>390.00</b>
	300 watts / AC 230 V	1 piece	ZE0103 0002	<b>274.00</b>	ZE0103 0079	<b>396.00</b>
	400 watts / AC 230 V	1 piece	ZE0103 0003	<b>279.00</b>	ZE0103 0080	<b>401.00</b>
	600 watts / AC 230 V	1 piece	ZE0103 0004	<b>286.00</b>	ZE0103 0081	<b>408.00</b>
	800 watts / AC 230 V	1 piece	ZE0103 0005	<b>294.00</b>	ZE0103 0082	<b>416.00</b>
	1200 watts / AC 230 V	1 piece	ZE0103 0006	<b>300.00</b>	ZE0103 0083	<b>422.00</b>
	1500 watts / AC 230 V	1 piece	ZE0103 0007	<b>306.00</b>	ZE0103 0084	<b>428.00</b>
 <p><b>Electrical set WKS</b> in white or titanium</p> <p>The electrical set WKS comprising a wall outlet (protection type IPX4), an electronically controlled heating rod, and the standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0100 0001	<b>268.00</b>	ZE0100 0036	<b>330.00</b>
	300 watts / AC 230 V	1 piece	ZE0100 0002	<b>274.00</b>	ZE0100 0037	<b>336.00</b>
	400 watts / AC 230 V	1 piece	ZE0100 0003	<b>279.00</b>	ZE0100 0038	<b>341.00</b>
	600 watts / AC 230 V	1 piece	ZE0100 0004	<b>286.00</b>	ZE0100 0039	<b>348.00</b>
	800 watts / AC 230 V	1 piece	ZE0100 0005	<b>294.00</b>	ZE0100 0040	<b>356.00</b>
	1200 watts / AC 230 V	1 piece	ZE0100 0006	<b>300.00</b>	ZE0100 0041	<b>362.00</b>
	1500 watts / AC 230 V	1 piece	ZE0100 0007	<b>306.00</b>	ZE0100 0042	<b>368.00</b>
 <p><b>Electrical set WFS</b> in white or titanium</p> <p>The electrical set WFS comprising a wall outlet (protection type IPX4), incl. radio receiver, an electronically controlled heating rod, and the radio standard controller.</p>	150 watts / AC 230 V	1 piece	ZE0101 0001	<b>390.00</b>	ZE0101 0036	<b>452.00</b>
	300 watts / AC 230 V	1 piece	ZE0101 0002	<b>397.00</b>	ZE0101 0037	<b>459.00</b>
	400 watts / AC 230 V	1 piece	ZE0101 0003	<b>402.00</b>	ZE0101 0038	<b>464.00</b>
	600 watts / AC 230 V	1 piece	ZE0101 0004	<b>407.00</b>	ZE0101 0039	<b>469.00</b>
	800 watts / AC 230 V	1 piece	ZE0101 0005	<b>414.00</b>	ZE0101 0040	<b>476.00</b>
	1200 watts / AC 230 V	1 piece	ZE0101 0006	<b>423.00</b>	ZE0101 0041	<b>485.00</b>
	1500 watts / AC 230 V	1 piece	ZE0101 0007	<b>428.00</b>	ZE0101 0042	<b>490.00</b>
 <p><b>Electrical set WRX</b> in white/white, white/black, black/black</p> <p>The electrical set WRX comprising a wall outlet (protection type IPX4), incl. radio receiver and the radio comfort controller.</p>	150 watts / AC 230 V	1 piece	ZE0315 0001	ZE0315 0008	ZE0315 0015	<b>526.00</b>
	300 watts / AC 230 V	1 piece	ZE0315 0002	ZE0315 0009	ZE0315 0016	<b>531.00</b>
	400 watts / AC 230 V	1 piece	ZE0315 0003	ZE0315 0010	ZE0315 0017	<b>537.00</b>
	600 watts / AC 230 V	1 piece	ZE0315 0004	ZE0315 0011	ZE0315 0018	<b>542.00</b>
	800 watts / AC 230 V	1 piece	ZE0315 0005	ZE0315 0012	ZE0315 0019	<b>549.00</b>
	1200 watts / AC 230 V	1 piece	ZE0315 0006	ZE0315 0013	ZE0315 0020	<b>556.00</b>
	1500 watts / AC 230 V	1 piece	ZE0315 0007	ZE0315 0014	ZE0315 0021	<b>562.00</b>

### Please note:

Operation of the electric heating rod can affect heating cost recording devices which are directly attached. Please contact the manufacturer of your heating cost recording device.

VDE 0100 part 701 must be observed during installation! For division into safety areas, see page 230!

The heating inserts are designed for use in heating systems with a maximum operating pressure of 6 bar.

During installation, a residual-current circuit breaker with trigger limit less than or equal to 30 mA must be provided on site.



# Specifications to the installation site: electrical safety

When installing electrical components, the VDE 0100 part 701  
“Rooms with bathtub and shower” has to be observed in particular.

Among other things, electrical equipment is only allowed to be  
installed in specific areas in the room and special measures for  
protection against electrical shock have to be taken.

Additional regional regulations have to be observed eventually.



# Radiator coatings:

## Possible applications and limits

DIN 55 900 is the basis for the performance specifications regarding the surface quality of radiators and is generally part of the invitation to tender texts for radiators. Accordingly, all standard Kermi radiators are suitable for use in hot water heating systems up to a maximum operating temperature of 110 °C.

However, some areas where radiators are used present special challenges for a radiator's surface. In such cases, the coating specified in DIN 55 900 is no longer adequate. Kermi offers two solutions for these cases:

### Radiator coatings

#### Hot-dip galvanised

Rooms with an aggressive and/or humid atmosphere, e.g. in commercial operations, such as butcher shops, saunas, swimming pools or areas with salt-laden air near oceans present extreme challenges for radiator coatings. The same is true for rooms that are regularly wet-cleaned with a high-pressure cleaner.

Hot-dip galvanising provides the best possible anti-corrosion protection for these areas. The hot-dip galvanising process produces an irregular surface. For this reason, coating with textured paint in white (RAL 9016) follows to provide a uniform appearance.

#### Anti-corrosion coating

In the spray zone around showers and toilets or urinals in private and public areas, the radiator coating requirements are less demanding than in rooms with an aggressive and/or humid atmosphere. Here, however, there are special requirements for the appearance and feel of the coating in addition to protection. Kermi offers a more inexpensive anti-corrosion coating for these applications. Powder coating is possible to the usual high Kermi standard according to the Kermi colour concept. For these applications, anti-corrosion coating offers optimal corrosion protection and an attractive appearance.

Model	Hot-dip galvanised	Anti-corrosion coating
Ideos®		✓
Tabeo®		✓
Credo-Half®		✓
Diveo®		✓
Credo® plus		✓
Casteo®		✓
Duett®	✓	✓
Geneo® quadris		✓
Geneo® circle		✓
Basic®-50	✓	✓
Basic®-50 R	✓	✓
Pateo®		✓
Rubeo®		✓

When choosing an installation site for Kermi radiators and accessories the specifications regarding the electrical safety have to be observed as well as those of DIN 55900 to assert any warranty claims.

# x-link plus. Connection fitting for underfloor heating



# The perfect combination of heating design and underfloor heating

The combination of a bathroom radiator and underfloor heating is more popular today than it has ever been. But what is the best way of realising this dream if only one heating circuit is available? The innovative connection fitting is the perfect solution to this problem, both technically and optically.

Combining underfloor heating with radiators requires different temperature levels. The quick and easy solution to this problem is x-link plus. The x-link plus connection fitting connects the underfloor heating circuit via the bathroom radiator to the existing radiator network. This ensures comfortable floor temperature control in the bathroom – regardless of the room temperature.

**Simple, quick and direct connection to the bathroom radiator instead of complex installation of an RTL flush-mounted box in the wall.**

The Kerמי x-net underfloor heating is simply connected to the x-link plus connection fitting on the bathroom radiator. Without an electric connection or complex constructional measures and without having to access the boiler controls. The radiator is connected using the existing heating circuit and controls the room temperature via a thermostatic valve. The temperature of the panel heating is then controlled independently of the radiator via a return temperature limiter. The radiator's appearance remains virtually unaffected in the process. With x-link plus, the connection fitting replaces the usual valve shut-off block and fits in perfectly with the respective radiator version with its classic shape.



## x-link plus.

The connection fitting with a white or chrome cover perfectly fits the 50 mm connection of the compact bathroom radiator (in picture without cover).

### All x-link plus advantages at a glance:

- Innovative integration of the underfloor heating and bathroom radiator connection in a single unit
- Meets the highest standards of bathroom design (all connections concealed under a cover)
- Joint integration of the bathroom radiator and underfloor heating into the pipe system at a central location
- An additional control circuit for the underfloor heating is not necessary
- No need to plan and install a separate wall box for controlling the underfloor heating
- Simple operation
- Complete solution with coordinated interfaces from a single source
- Two-pipe shut-off block included as standard
- x-link plus combines a valve shut-off block and x-link connection fitting in a single version
- x-link plus is available in white and chrome

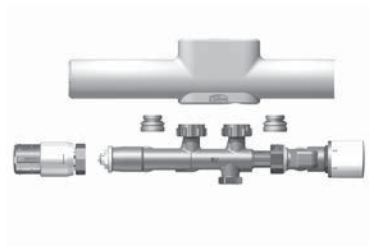
# x-link plus connection fitting for underfloor heating

## Accessories

### Description Illustration

### Description

#### x-link plus connection fitting for underfloor heating



Two-pipe connection fitting for underfloor heating which can be attached directly to the 50 mm centre connection.  
Required differential pressure: min. 100 mbar.  
Operating temperature (primary side): max. 70 °C.  
Incl. return temperature limiter, chrome-plated adjustment head, non-return valve, shut-off for radiator and angled two-pipe shut-off block for connection to the pipe system.  
Incl. cover, optionally in white or in chrome.  
Connections: 4 x G 3/4" (external thread) in one line facing the rear for radiator and underfloor heating connection.  
Flow connections on left (underfloor heating outside).  
Return connections on right (underfloor heating outside).  
Hub distances: 50 - 50 - 70 mm.  
For optimal installation, order accessories for the x-link plus pre-assembly unit and grid sheet for plastic pipes.

Cover white

Cover chrome

#### x-link plus pre-assembly unit



Suitable for exact pre-assembly and leak testing of the pipe connections (radiator connection and underfloor heating).  
After the construction phase, replacement with the x-link plus connection fitting for underfloor heating (protected from dirt and damage).  
Hub distances: 50 - 50 - 70 mm.  
With air vent and flushing valve.  
Re-usable after disassembly! Suitable for all radiator lengths.

#### Grid sheet for plastic pipes



Installation aid for a simple 90° connection of plastic pipes in the wall area when connecting the x-link connection fitting for underfloor heating and the x-link pre-assembly unit.  
Simple handling without tools.  
Suitable for 10 - 16 mm plastic pipes  
**Set comprising 2 pieces**

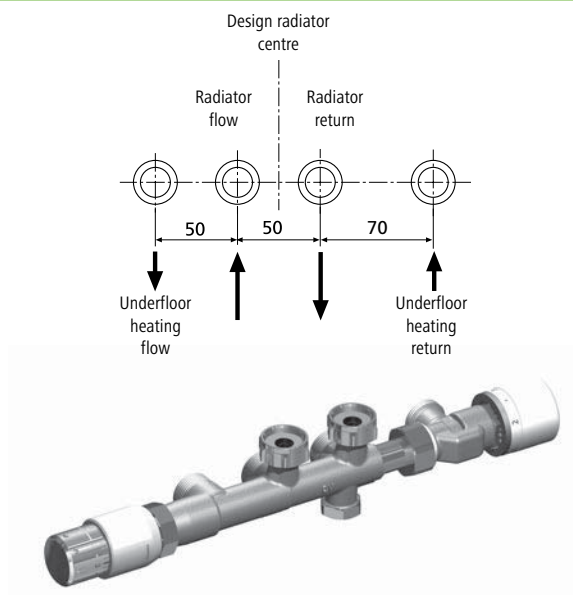
Product code	Delivery quantity	Quantity unit	Price/quantity unit EUR excl. VAT	Suitable for radiator version *								
				Tabeo	Casteo	Duett	Geneo quadris	Geneo circle	Basic-50	Pateo	Rubeo	
ZV0168 0001	1	piece	285.11 / piece	●	●	●	●	●	●	●	●	●
ZV0168 0002	1	piece	299.47 / piece	●	●	●	●	●	●	●	●	●
ZK0115 0001	1	piece	54.56 / piece	●	●	●	●	●	●	●	●	●
ZK0048 0001	2	piece	4.46 / piece	●	●	●	●	●	●	●	●	●

- \* Note minimum lengths:
- Casteo: from BL 500 mm
  - Duett: from BL 634 mm
  - Geneo circle: from BL 580 mm
  - Geneo quadris: from BL 596 mm
  - Basic-50: from BL 564 mm

# Connection x-link<sup>®</sup> plus to surface heating

## x-link plus connection fitting for underfloor heating

The connections are concealed by subsequent installation of the cover; only the thermostatic sensor head and RTL adjustment head remain visible.



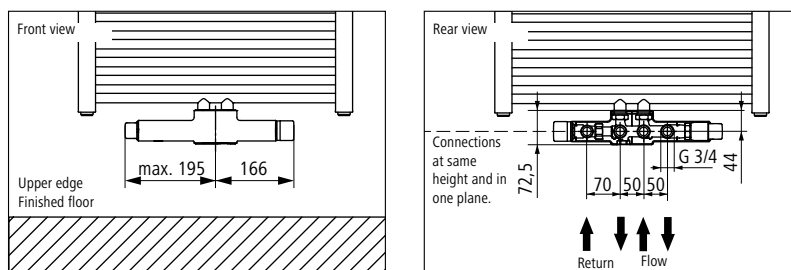
**Please note:** All connection pipes in the wall have to be insulated in accordance with energy conservation regulations (EnEV). The maximum screed temperature of 55 °C (or the temperature specified by the screed manufacturer) must not be exceeded near the heating pipes when using cement and anhydrite screeds.

### Information for laying the underfloor heating:

To prevent temperature differences on the surface of the floor, a spiral (bifilar) pipe laying pattern is recommended.

#### Note:

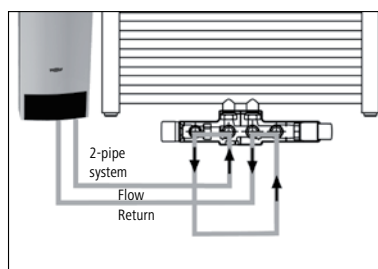
The total heat output of the system consists of the heat output from the radiator and that from the connected underfloor heating circuit.



#### Please note:

For hydraulic reasons, use of the x-link plus connection fitting for additional connection of underfloor heating is limited to two-pipe heating systems. To achieve proper flow through the underfloor heating circuit, the primary-side pressure difference must be at least 100 mbar!

Installation takes place in combination with radiator heating with a flow temperature of max. 70 °C.



Flow outlet for underfloor heating from x-link connection fitting

#### Note:

To prevent the x-link connection fitting for the underfloor heating from becoming dirty and damaged during the construction phase, we recommend using the x-link plus pre-assembly unit.





# Technical information

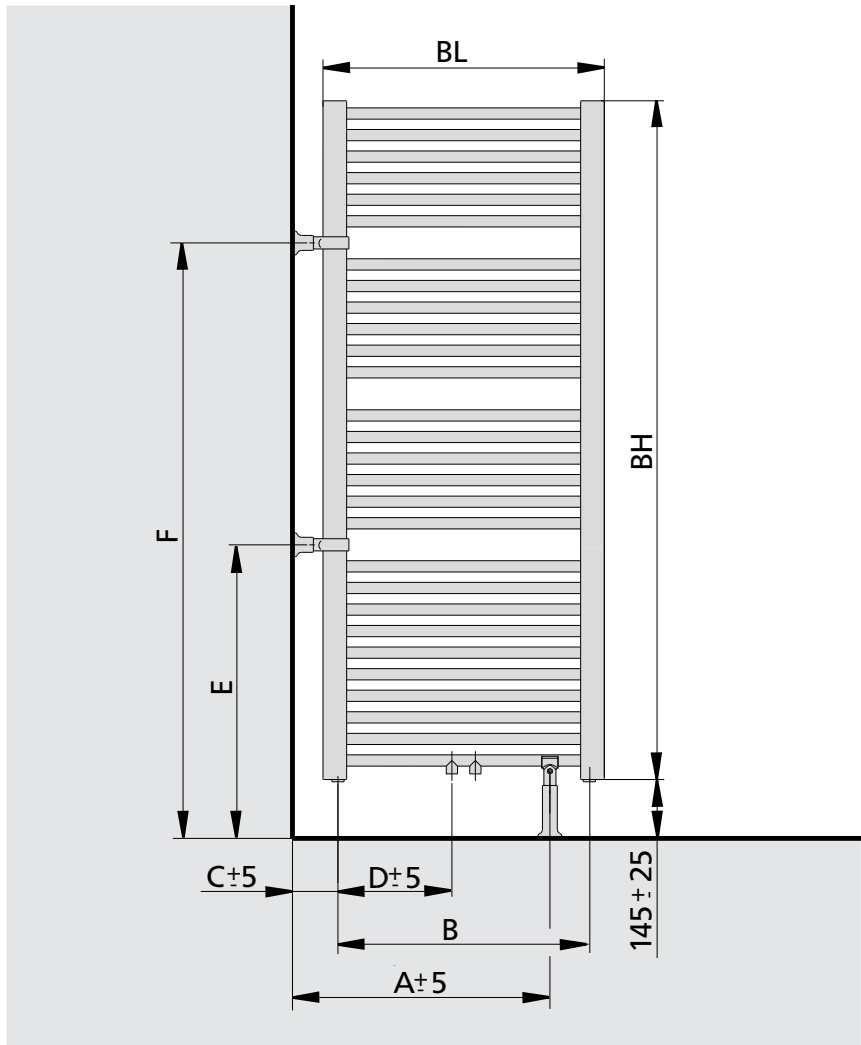
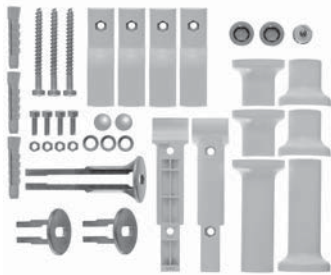
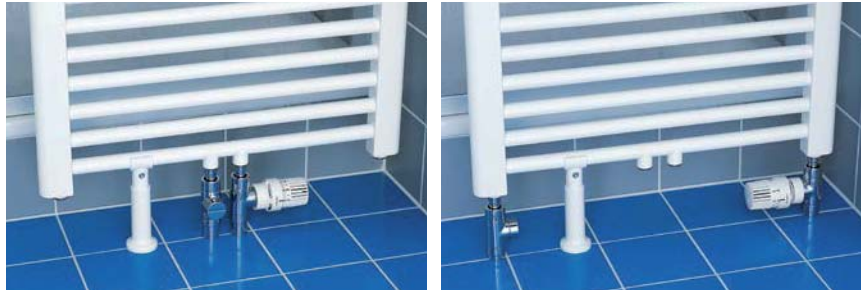
# Basic<sup>®</sup>-50, -E room divider connection

## Connection dimensions for room divider

For the models Basic-50, Basic-50 with additional electric operation and Basic-E for all-electric operation, a special room divider solution is available.

For attractive visual separation of the bathroom and living areas.

When installing the radiator as a room divider, it is only necessary to order the room divider fixing set (page 201) as an accessory (fixing set available only in white).



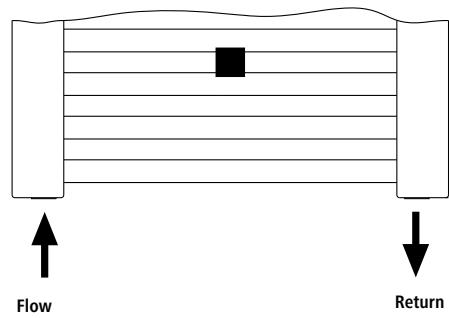
BL mm	A mm	B mm	C mm	D mm
450	404	386	88	168
524	478	460	88	205
599	553	535	88	243
749	703	685	88	318
899	853	835	88	393

BH mm	E mm	F mm
804	500	730
1172	500	1050
1448	635	1280
1770	635	1600

# Connection

## One- and two-pipe system compact connection

Flow/return connection in a two-pipe system is possible on the right or left side from below (2 x G 1/2" internal thread). Connection in a one-pipe system is possible through use of a turbulator valve (note reduced output).

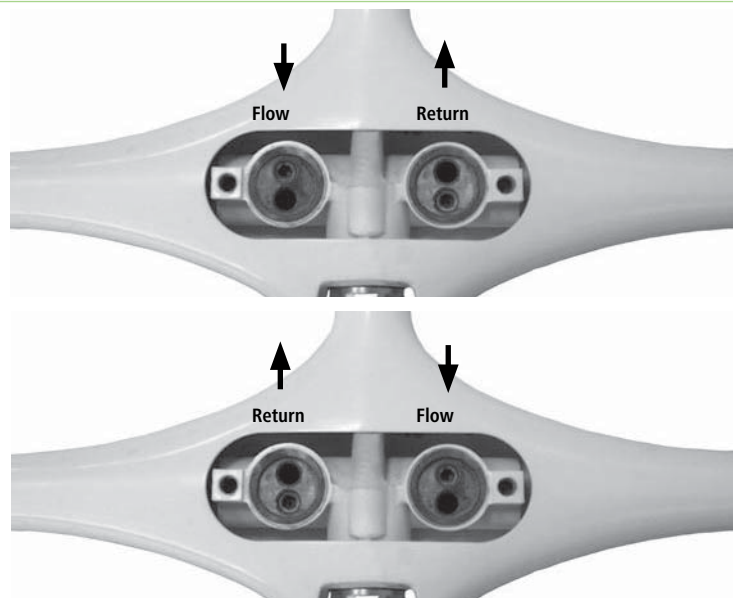


Connection for: Ideos, Tabeo, Casteo, Geneo quadris, Geneo circle, Basic-50, Basic-50 R

## One- and two-pipe system valve fitting

### For Ideos-V:

Radiator flow connection only on the left. The flow was installed on the right when installing the pipe network, change the direction of flow by replacing the grub screws.



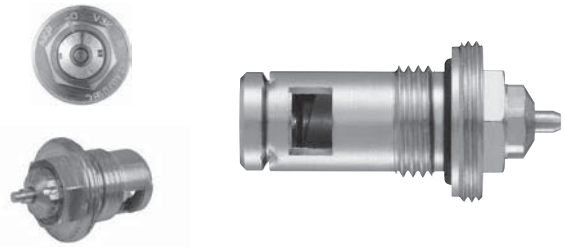


# Design radiator valve technology

## Valve technology – Standard valve V3 K S / V4 K S

Kermi radiators with integrated valve are equipped for use in two-pipe systems at the factory.  
Depending on its heat output, every radiator is equipped with a preset valve insert. In addition, the preset  $k_v$  value is highlighted in colour on the front (see table).

**Note:** Preset thermostatic valves satisfy the requirements of EnEV and according to DIN 4701-10 can be designed with 1 or 2 K proportional deviation if desired. Certified according to EN 215.



## Setup diagram for a system deviation of 1 K

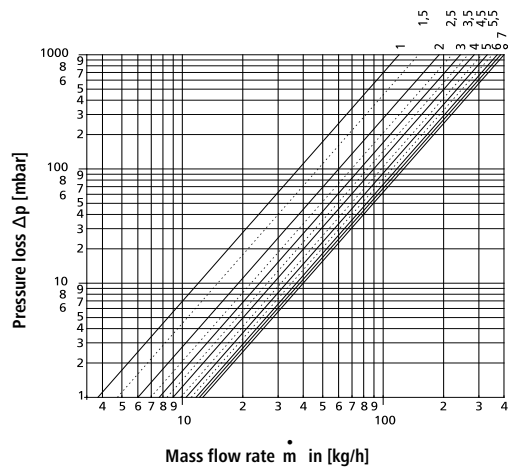
### Valve insert V 3K S used in:

Tabeo-V, Kermi Decor-V

### Valve insert V4 K S included with:

Ideos-V, Signo, Credo-Half, Icaro, Credo plus, Credo-Uno-V, valve shut-off block in angle form, valve shutoff block in straight form

**Note:** The pressure loss across the valve is taken into account in this diagram.



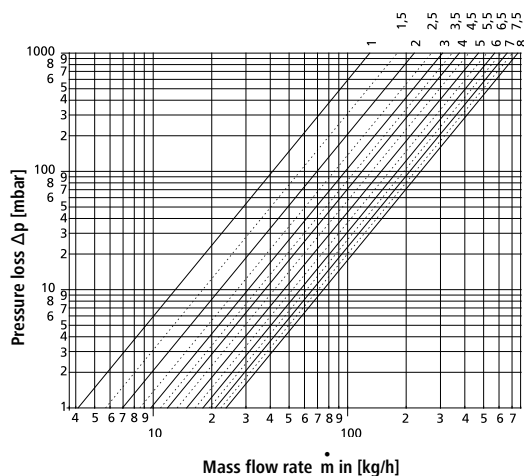
### Valve insert V3 K S / V4 K S\* $k_v$ value table

Setting	1	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7	7,5	8
$k_v$ value to	0,12	0,15	0,19	0,22	0,24	0,27	0,28	0,31	0,33	0,35	0,37	0,38	0,39	0,39	0,40
Colour**				white				red			black				blue

\* used in Kermi valve shut-off block \*\* visual identification of the  $k_v$  factory preset

## Setup diagram for a system deviation of 2 K

**Note:** The pressure loss across the valve is taken into account in this diagram.



### Valve insert V3 K S / V4 K S\* $k_v$ value table

Setting	1	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7	7,5	8
$k_v$ value to	0,13	0,18	0,22	0,27	0,31	0,35	0,38	0,42	0,47	0,52	0,57	0,62	0,66	0,71	0,75
Colour**				white				red			black				blue

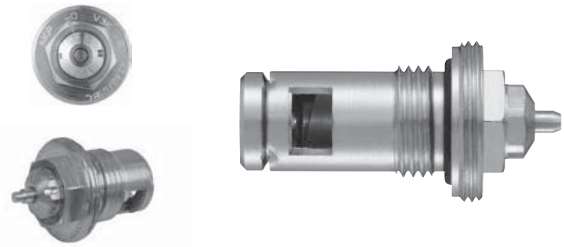
\* used in Kermi valve shut-off block \*\* visual identification of the  $k_v$  factory preset

### Valve technology – fine pressure adjustment V3 K F / V4 K F

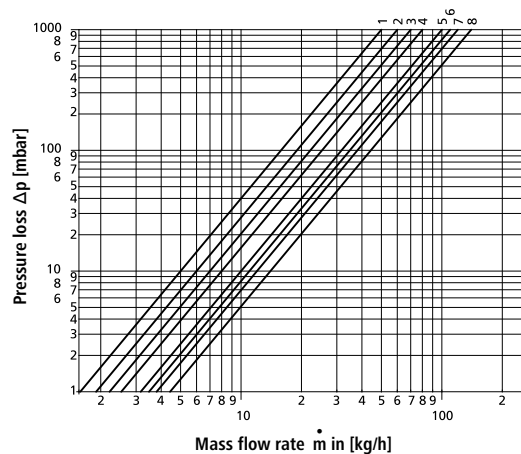
Kermi radiators with integrated valve can also be equipped with a fine pressure adjustment valve.

The adjustable valve insert enables reproducible settings of low water flow rates, which are required primarily in remote heating installations with large temperature spreads. The setting values can be taken from the diagram.

**Note:** Preset thermostatic valves satisfy the requirements of EnEV and according to DIN 4701-10 can be designed with 1 or 2 K proportional deviation if desired. Certified according to EN 215.



#### Setup diagram for a system deviation of 1 K



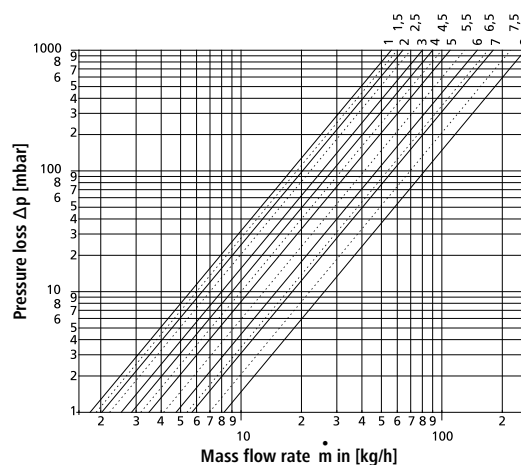
**Note:** The pressure loss across the valve is taken into account in this diagram.

#### Valve insert V3 K F $k_v$ value table

Setting	1	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7	7,5	8
$k_v$ value to	0,05	0,05	0,06	0,06	0,07	0,08	0,08	0,09	0,10	0,10	0,11	0,12	0,12	0,13	0,14
Colour**										yellow					green

\* visual identification of the  $k_v$  value factory preset

#### Setup diagram for a system deviation of 2 K



**Note:** The pressure loss across the valve is taken into account in this diagram.

#### Valve insert V3 K F $k_v$ value table

Setting	1	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7	7,5	8
$k_v$ value to	0,06	0,06	0,06	0,07	0,08	0,08	0,09	0,10	0,11	0,13	0,15	0,17	0,18	0,22	0,26
Colour**										yellow					green

\* visual identification of the  $k_v$  value factory preset

# Design radiator valve technology

## Suitable actuators / thermostatic sensor heads

### Actuators

Manufacturer	Type
Heimeier	EMO T
	EMO 1
	EMO 3
	EMO EIB
	EMOLON
Honeywell	Z 100
	M-100- BG
	Eltherm 2
Comap	D5870
Danfoss	ABNA 082F102
Rosswainer	Order No. 13531

### Thermostatic sensor heads

Manufacturer	Type
Honeywell	T 100 mmIL
	T 200 M
	T 100 B
	T 100 V
	T 100M – 361
	HR 40
	T 6091 H
	Thera Chrom 200
	Thera 3
	2080fl
	1726098
	1920038
	1923098
Comap	IF1
Heimeier	Head B
	Head F
	Head K
	Head D
	Head DX
	Head VD
	Head VK
Head WK	
Danfoss	RAW-K-5030
Danfoss	Star Tec II 74.4
Rosswainer	731422
Rosswainer	74422
Oventrop	Uni CH
	Uni DH
	Uni LD
	Uni LH
	Uni XH
	Uni LH Fern
	Uni LH FernFü
Uni SH	
Cazzaniga	138

The lists refer to the ability to install thermostatic sensor heads / actuators on Kermi design radiators. Kermi cannot guarantee the completeness of the list.



# Design radiator valve technology

## Suitable screw connections

### Suitable screw connections for Tabeco-V

	Manufacturer	Products / Model series	Product code
Angled, two-pipe system	Heimeier	Vekolux	0533-50.000
		Vekotec	0553-50.000
	Hummel	Basic fittings	2 249 8436 01
			2 218 8436 01
	Oventrop	Fitting programme "Multiflex"	101 58 14
Simplex	Exclusive	F10016	
Angled, one-pipe system	Heimeier	Vekolux	0537-50.000
	Hummel	Basic fittings	2 248 8436 01
	Oventrop	Fitting programme "Multiflex"	101 63 12
Straight, two-pipe system	Heimeier	Vekolux	0532-50.000
		Vekotec	0552-50.000
	Hummel	Basic fittings	2 249 3436 01
			2 218 3436 01
	Oventrop	Fitting programme "Multiflex"	101 62 11
Simplex	Exclusive	F10014	
Straight, one-pipe system	Heimeier	Vekolux	0536-50.000
	Hummel	Basic fittings	2 248 3436 01
	Oventrop	Fitting programme "Multiflex"	101 58 10

### Adjustment key for valve

$k_v$  adjustment key (ZV00360001)

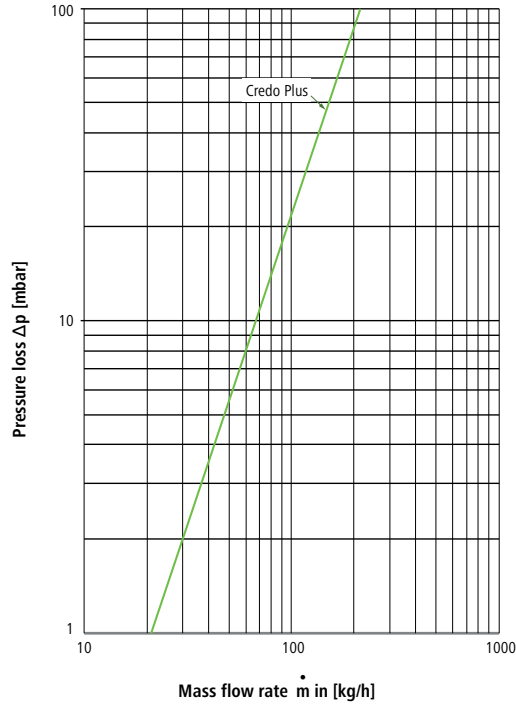


# Pressure loss in design radiators

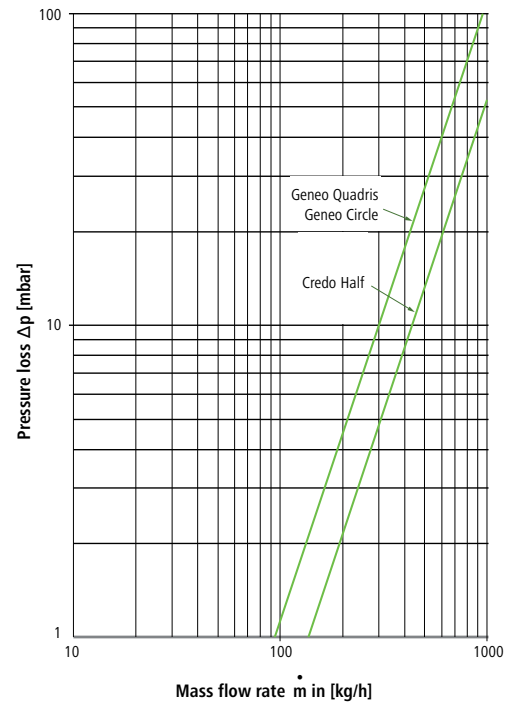
## Pressure loss chart for:

The pressure loss for radiators with valve includes neither the valve nor a screw connection.

### Credo Plus

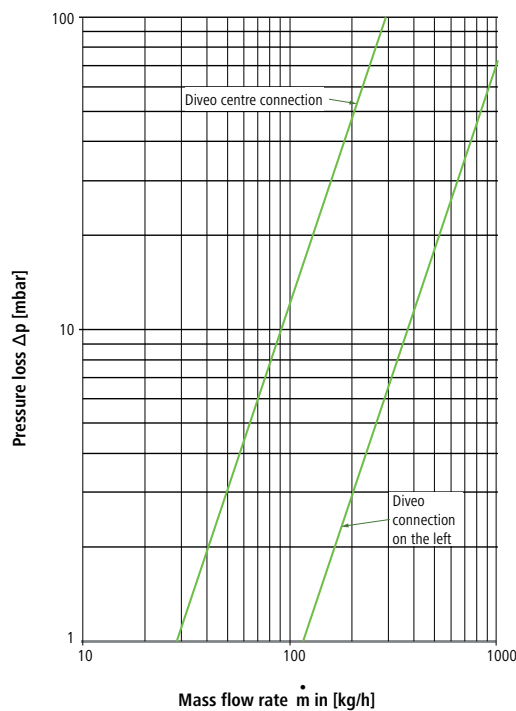


### Geneo quadris, Geneo circle, Credo Half

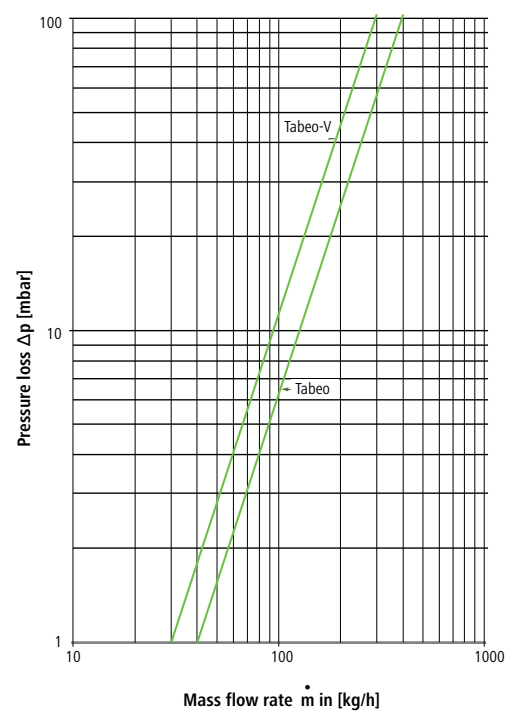


## Pressure loss chart for:

### Diveo



### Tabeo, Tabeo-V

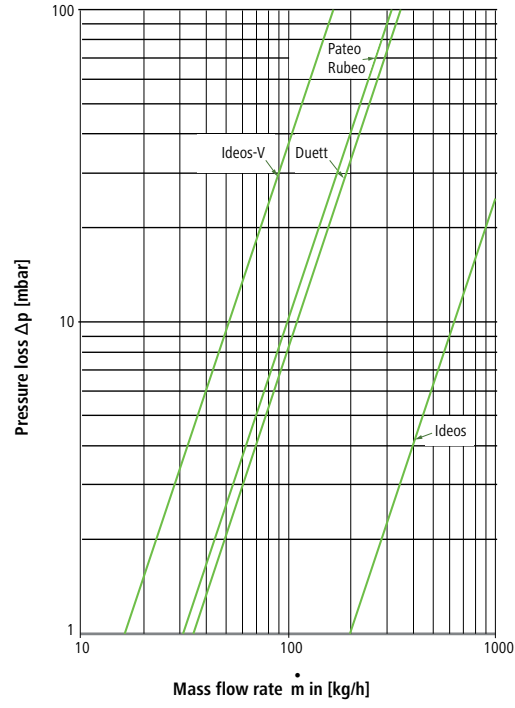


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**Pressure loss chart for: Ideos, Ideos-V, Duett, Pateo, Rubeo**

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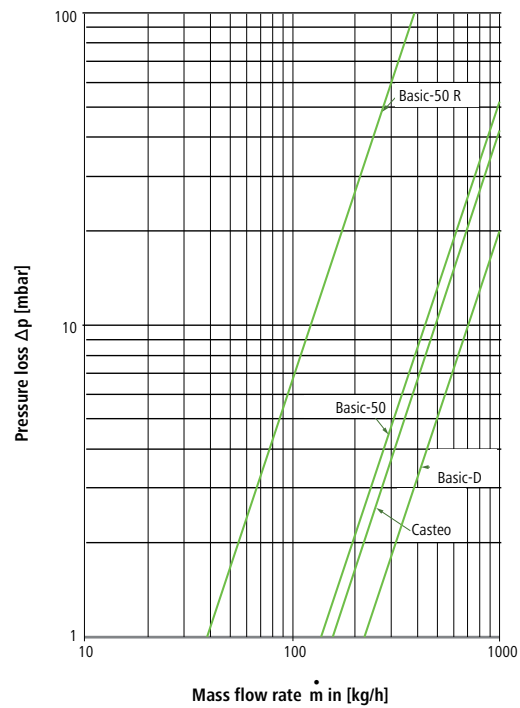
The pressure loss for radiators with valve includes neither the valve nor a screw connection.



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**Pressure loss chart for: Casteo, Basic 50, Basic-50 R, Basic-D**

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# Radiator dimensioning

## Rooms without continuous heating mode according to DIN EN 12831

According to DIN EN 12831, max. permissible reheating times can be defined for reheating a room once heating has been discontinued. The reheating time required thus determines the level of additional heating load needed for this.

Reheating ( $\Phi_{RH}$ ) according to DIN EN 12831 for rooms without continuous heating mode is calculated as follows:

$$\Phi_{RH} = A * f_{RH}$$

A = Area [m<sup>2</sup>]

The reheating factor ( $f_{RH}$ ) is to be taken from the standard's country-specific appendix. The factor takes into account the reheating time, the building's mass and the magnitude of the assumed temperature decrease during the setback phase.

For the standard heat load ( $\Phi_{HL}$ ), the following is obtained:

$$\Phi_{HL} = \Phi_{HL, net} + \Phi_{RH}$$

$$\Phi_{HL, net} = \Phi_T + \Phi_V$$

$\Phi_T$  = Transmission heat loss

$\Phi_V$  = Ventilation heat loss

**Please note:** The reheating time and the resulting additional heating capacity may need to be agreed upon with the client for each room. You can find practice-oriented reheating times in the adjacent table: Recommended reheating times.

The values that result from defining a particular reheating time for reheating factors ( $f_{RH}$  in [W/m<sup>2</sup>]) are to be taken from the tables of the country-specific appendix to EN 12831.

An additional decrease in output must be expected for installation in recess and when the radiator is surrounded by other structures. It is possible to work with the factory-provided tables when dealing with design temperatures of 75/65 and 70/55 or 55/45. At other design temperatures, the heat output has to be converted using the following formula or using the simplified conversion table on the next page.

## Conversion of the heat output

The standard heat outputs according to DIN EN 442 are based on a flow temperature of 75 °C, a return temperature of 65 °C, and a room temperature of 20 °C. For other temperature ratios the outputs must be converted as per the following formula:

$$\Phi = \Phi_{SL} * \left( \frac{\Delta t_{ln}}{49,83} \right)^n$$

$\Phi$  = Heat output of the radiator under operating conditions

$\Phi_{SL}$  = Standard heat output of the radiator

$\Delta t_{ln}$  = Logarithmically averaged temperature rise

$$\Delta t = \frac{t_V - t_R}{\ln \frac{t_V - t_L}{t_R - t_L}}$$

n = Exponent for radiator characteristic curve

### Recommended reheating times

Room	Reheating time $t_{RH}$ [h]
Kitchen	1 - 2
Dining room	depending on type of use (none, 3, or 4)
Living room	2
Bedroom	none
Bathroom	(0,5) 1 - 2
Hall / balcony	none
WC	none
Staircase	none
Porch	none
Boiler room	none
Store room	none
Work room / office	depending on type of use (none, 3, or 4)
Children	1 - 2
Utility	none

The reheating times stated in the table are recommendations and are not binding. They must be agreed with the customer. In addition, the assumed internal temperature drop  $\Delta\theta_{RH}$  [°C] during setback must be agreed.

# Radiator design / Correction factors

Conversion factors for differing design temperatures for pumped hot water heating systems according to DIN EN 442; n = 1.3; calculated logarithmically.

**Determination of the heat output of a radiator for a customised system temperature ( $t_v/t_R/t_L$ ) from the given standard heat output at  $\Delta T50$  (75/65/20)**

Conversion formula:

$$\Phi_H = \frac{\Phi_S}{F}$$

$\Phi_H$  = Heat output at customised system temperature  
 $\Phi_S$  = Standard heat output  
 $F$  = Conversion factor

**Example:**

**Given:** - System temperature of the heating system  $t_v/t_R/t_L = 55/45/20$   
 - Standard heat output of the radiator 1960 watts

**Demand:** - Heat output of the radiator at  $t_v/t_R/t_L = 55/45/20$

**Solution:**

$$\Phi_H = \frac{1960 \text{ watts}}{1,96} = 1000 \text{ watts}$$

A radiator with a standard heat output of 1960 watts provides an output of 1000 watts when operated at  $t_v/t_R/t_L = 55/45/20$ .

**Conversion of a specified standard heating load for a room to the standard heat output ( $\Delta T50 - 75/65/20$ ) of a radiator for selecting the required size of the radiator.**

Conversion formula:

$$\Phi_S = \Phi_{HL} * F$$

$\Phi_S$  = Standard heat output  
 $\Phi_{HL}$  = Standard heating load  
 $F$  = Conversion factor

**Example:**

**Given:** - Standard heating load for the room 1000 watts  
 - System temperature of the heating system ( $t_v/t_R/t_L$ ) = 55/45/20

**Demand:** - Standard heat output of the radiator ( $\Delta T50 - 75/65/20$ )

**Solution:**

$$\Phi_S = 1000 \text{ watts} * 1,96 = 1960 \text{ watts}$$

To cover the standard heating load of 1000 watts at  $t_v/t_R/t_L = 55/45/20$ , a radiator with an output of 1960 watts needs to be selected from the table showing the standard heat outputs ( $\Delta T50 - 75/65/20$ ).

When operated at  $t_v/t_R/t_L = 55/45/20$ , it thus provides the required heat output of 1000 watts.

$t_v$  = Flow temperature [°C]  
 $t_R$  = Return temperature [°C]  
 $t_L$  = Air temperature [°C]

	$t_v$ flow temperature °C	$t_R$ return temperature °C	$t_L$ room air temperature °C					
			10	12	15	18	20	22
110	90	0,47	0,48	0,50	0,53	0,54	0,56	0,58
		0,51	0,52	0,55	0,58	0,60	0,62	0,64
		0,56	0,58	0,61	0,64	0,67	0,69	0,72
		0,62	0,64	0,68	0,73	0,76	0,79	0,83
		0,70	0,73	0,78	0,84	0,89	0,94	0,99
105	80	0,82	0,86	0,94	1,02	1,09	1,17	1,26
		0,52	0,54	0,57	0,60	0,62	0,65	0,67
		0,58	0,60	0,63	0,67	0,69	0,72	0,76
		0,64	0,67	0,71	0,76	0,79	0,83	0,87
		0,73	0,76	0,82	0,88	0,93	0,98	1,04
100	70	0,85	0,90	0,98	1,07	1,14	1,23	1,33
		0,54	0,56	0,59	0,63	0,65	0,67	0,70
		0,60	0,62	0,66	0,70	0,72	0,76	0,79
		0,67	0,69	0,74	0,79	0,83	0,87	0,91
		0,71	0,74	0,79	0,85	0,89	0,94	0,99
95	60	0,76	0,79	0,85	0,92	0,97	1,03	1,09
		0,89	0,94	1,02	1,12	1,20	1,29	1,40
		0,62	0,65	0,68	0,73	0,76	0,79	0,83
		0,69	0,72	0,77	0,83	0,87	0,91	0,96
		0,74	0,77	0,83	0,89	0,93	0,99	1,04
90	50	0,79	0,83	0,89	0,96	1,02	1,08	1,15
		0,93	0,98	1,07	1,18	1,26	1,36	1,48
		0,59	0,61	0,64	0,68	0,71	0,74	0,77
		0,62	0,64	0,68	0,72	0,75	0,78	0,82
		0,65	0,67	0,72	0,76	0,80	0,83	0,87
85	40	0,68	0,71	0,76	0,81	0,85	0,89	0,93
		0,72	0,76	0,81	0,87	0,91	0,96	1,01
		0,77	0,81	0,87	0,93	0,98	1,04	1,10
		0,83	0,87	0,93	1,01	1,07	1,14	1,21
		0,64	0,67	0,71	0,75	0,79	0,82	0,86
80	30	0,68	0,70	0,75	0,80	0,84	0,88	0,92
		0,72	0,75	0,80	0,85	0,89	0,94	0,99
		0,76	0,79	0,85	0,91	0,96	1,01	1,07
		0,81	0,85	0,91	0,98	1,04	1,10	1,16
		0,87	0,91	0,98	1,07	1,13	1,21	1,29
75	20	0,71	0,74	0,79	0,84	0,88	0,93	0,97
		0,80	0,83	0,89	0,96	1,01	1,07	1,13
		0,91	0,96	1,04	1,13	1,20	1,28	1,37
		1,07	1,14	1,25	1,39	1,50	1,63	1,78
		0,79	0,82	0,88	0,95	1,00	1,05	1,12
70	10	0,84	0,88	0,94	1,02	1,08	1,14	1,21
		0,89	0,94	1,01	1,10	1,17	1,24	1,32
		0,96	1,01	1,10	1,20	1,28	1,37	1,47
		1,04	1,10	1,20	1,32	1,42	1,53	1,66
		0,88	0,93	1,00	1,08	1,15	1,22	1,30
65	0	0,94	0,99	1,08	1,17	1,25	1,33	1,42
		1,01	1,07	1,17	1,28	1,37	1,47	1,58
		1,10	1,16	1,28	1,42	1,52	1,65	1,79
		1,20	1,28	1,42	1,59	1,73	1,89	2,08
		1,00	1,05	1,15	1,26	1,34	1,43	1,54
60	-10	1,08	1,14	1,25	1,37	1,47	1,59	1,71
		1,17	1,24	1,37	1,52	1,64	1,78	1,94
		1,28	1,37	1,52	1,71	1,87	2,05	2,27
		1,42	1,53	1,73	1,98	2,19	2,44	2,76
		1,07	1,13	1,23	1,36	1,45	1,56	1,68
55	-20	1,15	1,22	1,34	1,48	1,60	1,73	1,87
		1,25	1,33	1,47	1,65	1,78	1,94	2,13
		1,37	1,47	1,64	1,86	2,03	2,24	2,50
		1,52	1,65	1,87	2,15	2,39	2,69	3,06
		1,73	1,89	2,19	2,59	2,96	3,44	4,13
50	-30	1,23	1,31	1,45	1,62	1,75	1,90	2,07
		1,34	1,43	1,60	1,80	1,96	2,15	2,37
		1,47	1,59	1,78	2,03	2,24	2,48	2,78
		1,64	1,78	2,03	2,36	2,64	2,99	3,43
		1,87	2,05	2,39	2,86	3,29	3,86	4,67
45	-40	1,45	1,56	1,75	1,98	2,17	2,40	2,67
		1,60	1,73	1,96	2,25	2,50	2,79	3,15
		1,78	1,94	2,24	2,63	2,96	3,38	3,92
		2,03	2,24	2,64	3,20	3,70	4,39	5,39
		1,75	1,90	2,17	2,53	2,83	3,19	3,66
40	-50	1,96	2,15	2,50	2,96	3,37	3,89	4,58
		2,24	2,48	2,96	3,63	4,25	5,11	6,38
		2,17	2,40	2,83	3,41	3,93	4,62	5,54
		2,50	2,79	3,37	4,21	5,01	6,14	7,87

Design according to DIN EN 42

# Characteristic equation

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## Characteristic equation

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$$\Phi = \varphi_{SL} \left( \frac{\Delta t}{\Delta t_n} \right)^n$$

- $\Phi$  = Heat output to be determined
  - $\varphi_{SL}$  = Catalogue heat output
  - $\Delta t_n$  = Standard temperature rise
  - $\Delta t$  = Temperature rise at the operating conditions which the conversion is based on
  - $n$  = Radiator exponent
-

# Registry numbers / Heating cost recording

## Quality mark registration numbers

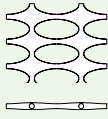
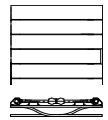
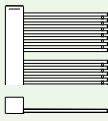
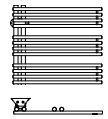

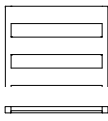
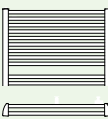
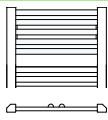
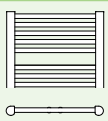
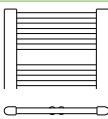
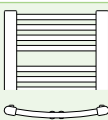
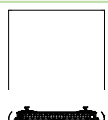



Version	Registration No.
Ideos® / Ideos®-V	0932
Tabeo® / Tabeo®-V	1140 / 1141
Credo-Half®	0707
Diveo®	1125
Credo® plus	1196
Casteo®	1144
Duett® / Duett®-D	1044
Geneo® quadris	1142
Geneo® circle	1143
Basic®-50 / Basic®-50 R / Basic®-D	0930
Pateo®	1050
Rubeo®	1050

## Heating cost recording

Heating cost recording devices cannot be used with every design radiator.  
Depending on the radiator version, type of recording device and local conditions, only limited use may be possible.  
For this reason, installation of a heating cost recording device needs to be clarified with the billing company in advance.

# Design radiator product overview

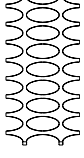



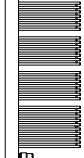

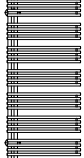

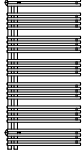

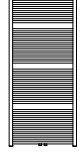


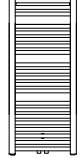


Version	Illustration	Heights	Lengths	Depths
<b>Ideos</b>		Standard 776, 1151, 1526, 1901 mm Valve version 758, 1133, 1508, 1883 mm	508, 758 mm	37 mm
<b>Tabeo</b>		1197, 1437, 1757 mm	500, 600, 750 mm	101 mm
<b>Credo-Half</b>		1086, 1466, 1884 mm	460, 610 mm	51 mm
<b>Diveo</b>		940, 1320, 1700 mm	450, 600 mm	46 mm
<b>Credo plus</b>		973, 1429, 1733 mm	550, 750 mm	33 mm
<b>Casteo</b>		987, 1261, 1535, 1809 mm	500, 600, 750 mm	30 mm
<b>Duett</b>		1188, 1492, 1796 mm	484, 634, 784, 934 mm	74 mm
<b>Geneo quadris</b>		814, 1174, 1494, 1774 mm	447, 596, 746, 896 mm	32 mm
<b>Geneo circle</b>		810, 1190, 1494, 1798 mm	431, 580, 730, 880 mm	40 mm
<b>Basic-50</b>		804, 1172, 1448, 1770 mm	450, 524, 599, 749, 899 mm	35 mm
<b>Basic-50 R</b>		804, 1172, 1448, 1770 mm	450, 524, 599, 749, 899 mm	51, 60, 70, 73 mm
<b>Pateo</b>		1525, 1725, 1925 mm	500, 600, 700 mm	66 mm
<b>Rubeo</b>		1525, 1725, 1925 mm	470, 570, 670 mm	66 mm

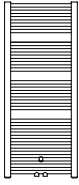


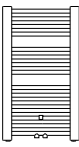









Electric operation		Connection type		Room divider	Modernisation	x-link plus
Additional electric operation	All-electric operation	Connection visible	Connection covered, valve version	Room divider version	Renovation solution	Connection to Kermi x-net underfloor heating
✓	✓	✓	✓			
✓	✓		✓			✓
✓	✓		✓			
✓	✓					
✓	✓				✓ = Casteo-D	✓
✓	✓	✓			✓ = Duett-D	✓
✓	✓					✓
✓	✓					✓
✓	✓	✓		✓	✓ = Basic-D	✓
✓	✓	✓				
✓			✓ *			✓
✓			✓ *			✓

\* Compact version  
\*\* Connection visible

# Design radiator accessories overview

<b>Ideos</b>		 <p>Towel hook chrome-plated</p>	 <p>Towel rail chrome-plated</p>	 <p>Towel ring chrome-plated</p>
<b>Credo-Half</b>		 <p>Towel hook chrome-plated</p>		
<b>Diveo</b>		 <p>Towel hook chrome-plated</p>		
<b>Diveo</b>		 <p>Towel hook chrome-plated</p>		
<b>Duett</b>		 <p>Towel hook, painted aluminium, chrome-plated</p>	 <p>Towel rail chrome-plated</p>	
<b>Geneo quadris</b>		 <p>Towel hook, painted aluminium, chrome-plated</p>	 <p>Towel rail, painted aluminium, chrome-plated</p>	

<p><b>Geneo circle</b></p>		 <p>Towel hook, painted aluminium, chrome-plated</p>	 <p>Towel rail, painted aluminium, chrome-plated</p>		
<p><b>Basic-50</b> <b>Basic-50 R</b> <b>Basic-D</b></p>		 <p>Towel hook, painted aluminium, chrome-plated</p>	 <p>Towel rail, painted aluminium, chrome-plated (Basic-50 / -D only)</p>	 <p>Towel shelf, painted aluminium, chrome-plated (Basic-50 / -D only)</p>	
<p><b>Pateo</b></p>		 <p>Towel rail brushed stainless steel, polished</p>			
<p><b>Rubeo</b></p>		 <p>Towel rail brushed stainless steel, polished</p>			

# Elegant heating aesthetics with distinctive appearance

In attractive colour combinations.



## Colour combinations.

Apply interesting colour accents or perfectly match the radiator to the interior design.

For the Credo-Half models, Kermi provides an interesting and elegant colour concept combining two colours or metallic colours from the extensive Kermi colour concept. For attractive accents and perfect integration into the room.



# Complete the ordering information!

For product code/order number, please see the table "Prices and heat output" and use the overview to fill in the missing data. Please specify complete product code and all details in your order.

Colour
<b>Standard colour</b>
2 = white (RAL 9016)
<b>Sanitary colours</b>
pure white, RAL 9010
manhattan
bahama beige
pergamon
aegean
black
<b>Special editions</b>
<b>Soft edition</b>
white, RAL 9016 Soft
pure white, RAL 9010 Soft
manhattan Soft
bahama beige Soft
pergamon Soft
aegean Soft
black Soft
<b>Nature edition</b>
citrus Nature
olive Nature
corn Nature
purple Nature
crocus Nature
lavender Nature
<b>Ethno edition</b>
solaris Ethno
inca Ethno
carmina Ethno
terra Ethno
<b>Metallic edition</b>
W = gloss silver Metallic
U = graphite Metallic
helios gold Metallic
T = circonsilver Metallic
S = mattbronze Metallic
classic copper Metallic
<b>RAL CLASSIC</b>
RAL colour
(Please specify RAL colour code)

Version
L = Manifold pipe / cover on the left
R = Manifold pipe / cover on the right
C = Electrical WKS, white, on the left
D = Electrical WKS, white, on the right
Electrical WKS, titanium, on the left
Electrical WKS, titanium, on the right
E = Electrical WFS, white, on the left
F = Electrical WFS, white, on the right
Electrical WFS, titanium, on the left
Electrical WFS, titanium, on the right
T = Electrical WRX, white/white, on the left
S = Electrical WRX, white/white, on the right
Electrical WRX, black/black, on the left
Electrical WRX, black/black, on the right
Electrical WRX, white/black, on the left
Electrical WRX, white/black, on the right
I = Electrical FKS, white, on the left
J = Electrical FKS, white, on the right
Electrical FKS, chrome silver, on the left
Electrical FKS chrome silver, on the right
<b>Tabeo-V</b>
L = Thermostatic sensor head on the side, left
R = Thermostatic sensor head on the side, right
<b>Diveo</b>
L = Manifold pipe on the left with side connection
R = Manifold pipe on the right with side connection
O = Manifold pipe on the left with centre connection
W = Manifold pipe on the right with centre connection
<b>Casteo-D / Duett-D / Basic-D</b>
L = Connection on the left, hub distance 500 mm
R = Connection on the right, hub distance 500 mm
3 = Connection on the left, hub distance 900 mm
4 = Connection on the right, hub distance 900 mm

Second colour
<b>Standard colour</b>
2 = white (RAL 9016)
<b>Sanitary colours</b>
pure white, RAL 9010
manhattan
bahama beige
F = pergamon
aegean
black
<b>Special editions</b>
<b>Soft edition</b>
white, RAL 9016 Soft
pure white, RAL 9010 Soft
manhattan Soft
bahama beige Soft
pergamon Soft
aegean Soft
black Soft
<b>Nature edition</b>
citrus Nature
olive Nature
corn Nature
purple Nature
crocus Nature
lavender Nature
<b>Ethno edition</b>
solaris Ethno
inca Ethno
carmina Ethno
terra Ethno
<b>Metallic edition</b>
W = gloss silver Metallic
U = graphite Metallic
helios gold Metallic
T = circonsilver Metallic
S = mattbronze Metallic
classic copper Metallic
<b>RAL CLASSIC</b>
RAL colour
(Please specify RAL colour code)



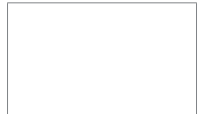
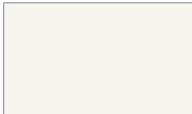

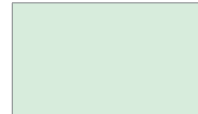

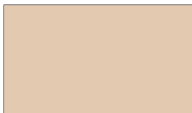
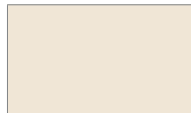

### Credo-Half

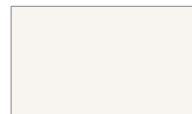
#### Colour combination:

Panel in standard colour, sanitary colours, special editions or RAL colours. Transverse pipes in standard colour, sanitary colours, special editions or RAL colours.

# Kermi colour concept

The innovative colour concept. Keeping with current trends.

Standard colour	Sanitary colours			RAL CLASSIC
				
white, RAL 9016	pure white, RAL 9010	manhattan	aegean	Paint finish available in every RAL CLASSIC colour
				
	bahama beige	pergamon	black	

Special editions				
				
<p><b>Soft edition</b> The Classics among sanitary colours in classy matt surface.</p>	white, RAL 9016 Soft	pure white, RAL 9010 Soft	manhattan Soft	aegean Soft
				
	bahama beige Soft	pergamon Soft	black Soft	

				
<p><b>Nature edition</b> The glorious hues of nature. Fresh and expressive.</p>	citrus Nature	olive Nature	corn Nature	
				
	purple Nature	crocus Nature	lavender Nature	

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### Hot-dip galvanised (textured paint RAL 9016)

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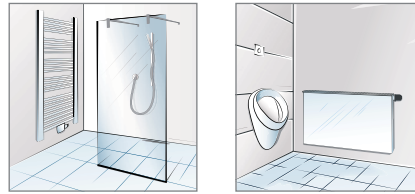
Hard-wearing anti-corrosion protection for tough requirements in areas with a humid and/or aggressive atmosphere (e.g. industrial plants, indoor swimming pools, etc.). Also for rooms that are regularly wet-cleaned with a high-pressure cleaner. Hot-dip galvanising provides the best possible anti-corrosion protection for these areas.

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### Anti-corrosion coating

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The new Kermi anti-corrosion coating is ideally suited for areas where greater protection against humidity and moisture is necessary. A paint finish is available in any colour you wish, in the familiar high Kermi quality, of course.



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Additional colours:  
Price on request.

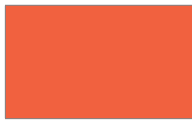


#### Ethno edition

In greater demand than ever: the warm, bold tones of exotic cultures.



solaris Ethno



inca Ethno



carmina Ethno



terra Ethno



#### Metallic edition

The glossy retro trend of the fifties. Classically interpreted in shining metallic tones.



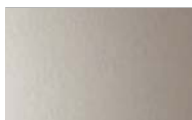
graphite Metallic



gloss silver Metallic



helios gold Metallic



circonsilver Metallic



mattbronze Metallic



classic copper Metallic

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Colour variations are unavoidable for technical reasons related to printing.



x-change  
Heat pump



x-buffer  
Heat storage



x-center  
Control



x-net panel  
Heating / cooling



therm-x2  
Steel panel radiators



x-well  
Residential ventilation



Design radiators



Heating panel



Convector



Wet floor system



Shower enclosure

Healthy, comfortable heat and unlimited showering comfort with the comprehensive Kermi thermal comfort and shower design programmes.

You can find additional information on [www.kermi.com](http://www.kermi.com)



Thermal comfort | Shower design

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