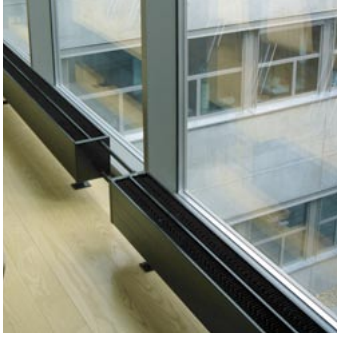




MEINERTZ





MEINERTZ convectors and radiators are discreet and stylishly designed products built from robust materials and with a smart finish. All of our products are individually manufactured on the basis of a comprehensive product range. As a result, we can offer flexible solutions with a choice of colours which will meet all your needs for efficient heating, whether in modern architecture or classic buildings. At www.meinertz.com you can obtain ideas and inspiration from some of the projects currently being heated with Danish MEINERTZ products, as well as comprehensive technical documentation for use in project planning and installation. Put us to the test – we are at your service with advice, guidance and plenty of experience.

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MEINERTZ Convectors are defined as low level heaters in heights 70, 140, 210 or 280 mm MEINERTZ Radiators are heat Emitters in heights 350–980 mm

TS convectors

THE DISCREET AND ELEGANT DESIGN SOLUTION. Slender and minimalist, with no visible welds and a recessed and integrated top grille, this may be the market's finest convector solution. The clean lines of Meinertz TS Convectors cannot be understated.



MEINERTZ TS convectors for wall or floor mounting are available in heights of 70, 140, 210 and 280 mm, with a depth of 60 or 109 mm and an individual length of up to six metres. The slim, elegant design is emphasised by the horizontal lines on the convector front, which joins with the closed convector ends without visible welds. Each individual product is an example of Danish design, with a sublime finish and quality that is the result of

personal, professional pride combined with the power of modern production technology.

The recessed and integrated top grille is made of steel strips 2 mm in depth and 8 mm wide, which are louvered obliquely, thereby hiding the convector's internal fins.

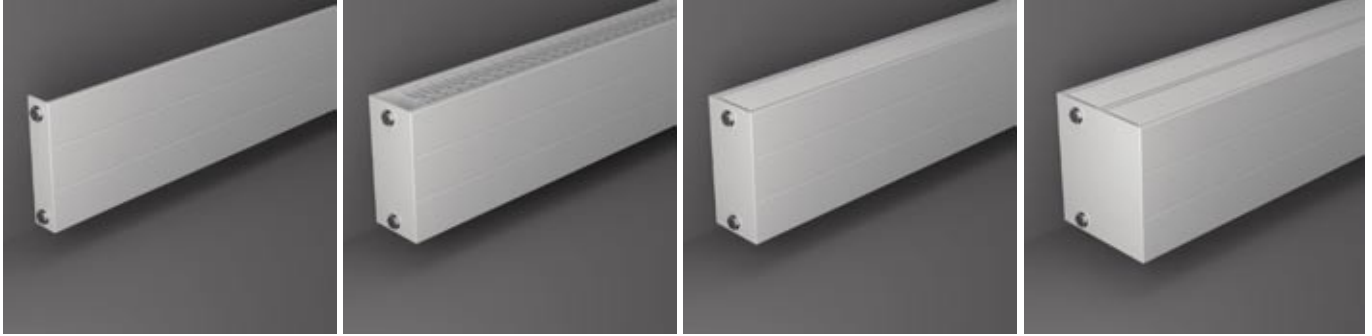
MEINERTZ convectors can be supplied in any desired RAL colour.





TL and TX convectors

THE SYNTHESIS OF DESIGN AND PERFORMANCE. The TL and TX models provide many possibilities for low, compact and elegant solutions with a high heating output. You can exploit the contrast between the stylish fronts of the convectors and their internal fins, or choose a solution with a top grille.



MEINERTZ TL convectors are available in heights 70, 140, 210 or 280 mm. You can choose between six different widths – from a quite simple model with no internal fins to a large, high-performance convector with five rows of fins. All MEINERTZ convectors are available in individual lengths of up to six metres for wall or floor mounting.

The convector fronts have stylish horizontal lines which meet the closed convector ends with no visible joints.

MEINERTZ convectors are characterised by their very smart finish, carried out by highly skilled professional craftsmen.

The TL model has no top grille, and is therefore often mounted on the floor, e.g. under tables, benches or broad window-sills.

MEINERTZ TL convectors can also be supplied without internal fins, if an even simpler design is desired.

MEINERTZ TX convectors are TL models equipped with a recessed and integrated top grille as the TS models. The TX models are supplied for wall or floor mounting in widths of 47, 96 or 181 mm, and in individual lengths of up to six metres. The top grille's louvered oblique, lateral steel strips help to emphasise the elegant and compact design, through which visible convectors become part of the architecture of a room. What's more, all MEINERTZ convectors can be supplied in any desired RAL colour.

When used in schools or public buildings, they can be supplied in an especially sturdy version with a permanently screwed-on, powder-coated top grille which can only be removed using tools.

All Meinertz Convectors can be made to individual lengths up to six metres, making them ideal for refurbishment projects if existing pipework connections are to be reused.





Special versions of TX convectors

DESIGN WITH DISCREET PIPING. Stylish, simple and space-saving – that is the result when the pipe connections, valves and thermostat are integrated into the overall convector design, further enhancing its clean lines.

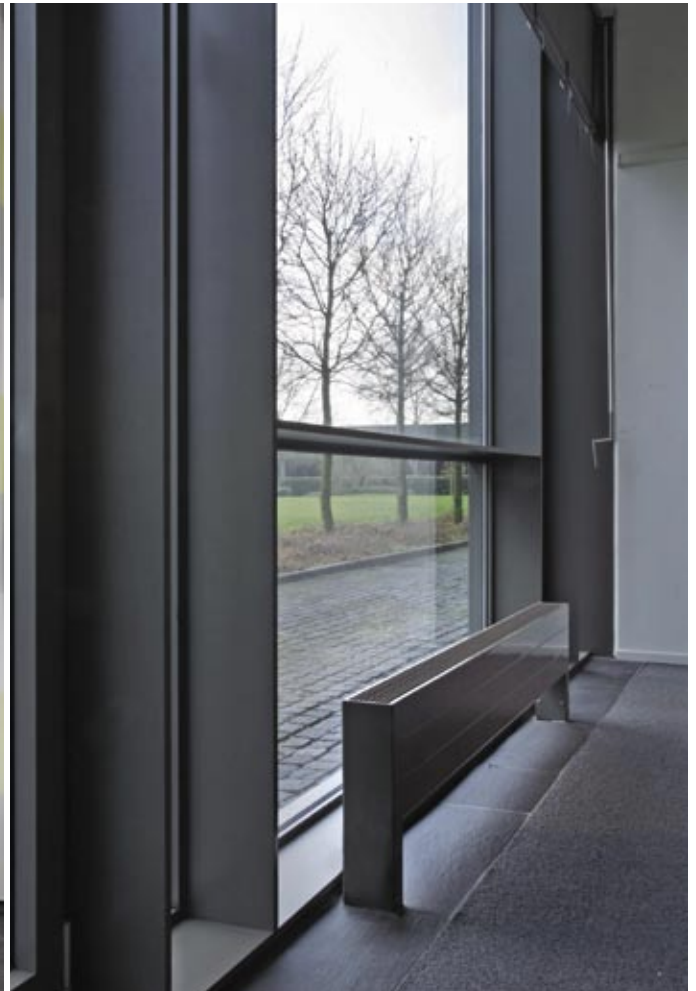


MEINERTZ TX with valve is a design solution in which TX convectors with a height of 140, 210 or 280 mm and width of 96 or 181 mm are supplied with built-in valves. This is a beautiful, simple and spacesaving solution, as the pipe connections are discreetly located beneath the convector, whether it is freestanding or wall-mounted.

MEINERTZ TX Plinth convectors are mounted on the floor on legs which form an elegant, integrated part of the convector end. The legs also fully conceal the convector's pipe connections.

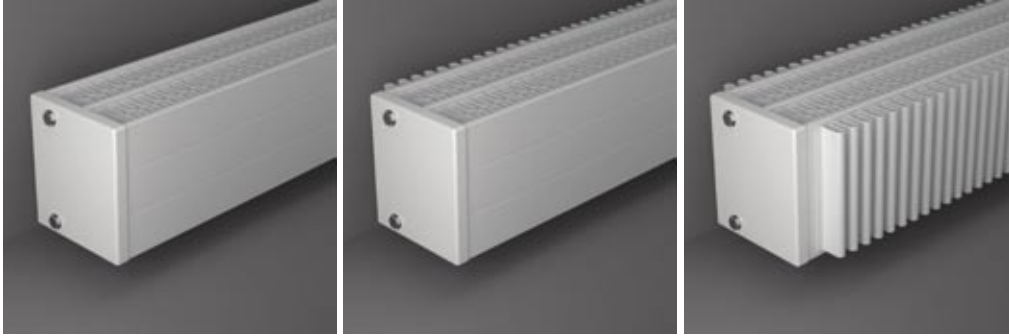
The convectors are available in heights 70, 140, 210 and 280 mm, with a minimum free leg height of 150 mm. You can choose between widths of 96 or 181 mm. The maximum length is six metres.

Other special TX solutions can be produced as desired, tailored to suit the needs of the designer and project – which also applies to the choice of RAL colours.



CL and CX convectors

CLASSIC CONVECTORS THAT ARE OUT OF THE ORDINARY. Uncompromising quality and compact design with distinctive convector ends. Energy-saving and easy to regulate, thanks to their minimal water content. The ideal starting-point for customised solutions in historical buildings and churches where very high output is required and may need to be concealed.



MEINERTZ CL convectors are classic high-performance convectors, available in standard heights 70, 140, 210 or 280 mm and in nine widths from 11 mm to 253 mm.

The distinctive convector ends and smooth front sides give the convectors a minimalist architectural expression. The light design is emphasised by fins which are recessed 7.5 mm in relation to the upper and lower edges of the sides.

Convectors without external fins can be supplied in individual models as a CX solution with integrated and recessed top grille.

MEINERTZ CL convectors have many connection possibilities.

They can be ordered in lengths of up to six metres for wall or floor mounting, in all RAL colours.



Floor Grilles – Roll-up or linear

EFFICIENT HEATING BELOW – SMART DESIGN ON TOP. When convectors or finned tubes are fitted in trenches or channels, the right choice of covering is important with respect to the heat distribution, architecture and ease of cleaning.



MEINERTZ rolling grilles can be used to cover convector trenches with a width of from 80 to 500 mm, in lengths of from 400 mm to six metres. The rolling grilles are made of 20 mm transverse, aerodynamically-shaped aluminium extrusions, held together by powerful steel springs and stable aluminium spacer tubes. This means that the grilles can be rolled up when servicing or cleaning is performed in the trenches. Available anodised in natural, brass or black.

MEINERTZ ProLine grilles can be used to cover trenches for convectors or finned tubes when frequent access to the installations is not necessary. The grilles can also be used in buildings where the light expression created by the linear bars can contribute to the room's architecture. The grilles can also cope with considerable weight loads.

The grilles form part of the MEINERTZ ProLine range of Trench Heaters in various widths for mounting in floor

trenches, mainly in front of large window assemblies.

The grilles are not water-bearing, but are otherwise identical with the other ProLine convection grilles, and contribute to an overall visual harmony which conceals the underlying installations.

The frames can also be used in MEINERTZ ProLine installations in places where heating is not required, but where a consistent design is desired in the room.

The grilles are available in widths as

desired, and in straight or curved lengths of up to six metres. The grilles may be equipped with supports, and can also be located in corners or around columns, or in other customised solutions.

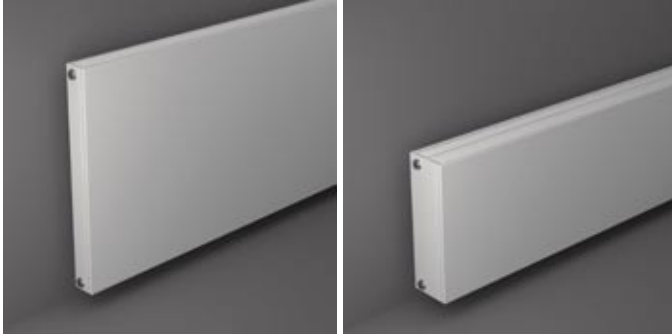
In stone floors it is recommended that the grilles and frames are fitted using angle sections, while Z profiles should be used for installations in wooden floors.

Supplied as standard in the colours RAL 7024 (graphite) or 9007 (aluminium grey), but can be supplied in all RAL colours.



TF plan radiators

A LARGE AND FLEXIBLE RANGE – IN ALL SIMPLICITY. A completely flat, discreet, wall-mounted radiator for any construction project. Broad or tall, with a smart finish in all details, and in any desired colour. Easy to clean, and with a large heat output.



MEINERTZ TF is the name of a wide range of wall-mounted plan radiators in tough MEINERTZ quality. A classic and stylish solution with many connection possibilities, for use in both old and new buildings. The plan radiator's construction secures high efficiency, fast regulation and a lower surface temperature compared to standard radiators.

The TF models are available in four depths, and the integrated top grille gives them a light and elegant expression. The smooth surface is very easy

to clean, which makes the MEINERTZ TF ideal for use in the health sector.

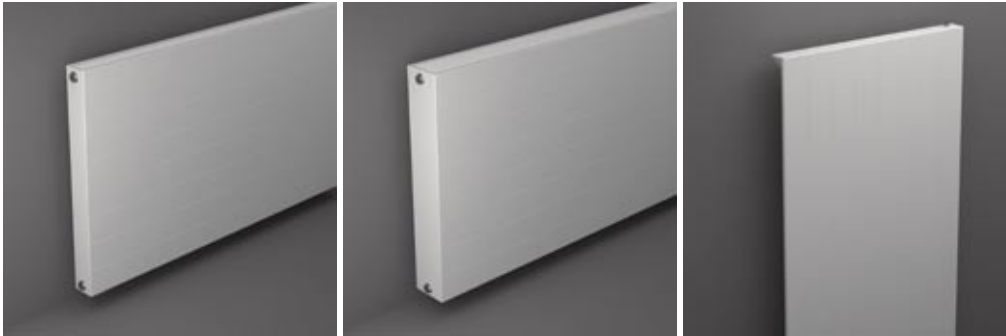
The large, smooth surface also makes the radiator suitable as a decorative element in a room. The MEINERTZ TF is available in all RAL colours.

The tall, vertical model is often used where wall space is limited – e.g. in kitchens and bathrooms, where the radiators can be supplied with holders for drying tea towels or bath towels.



TS, TL and TX radiators

HIGH-PERFORMANCE RADIATOR ARCHITECTURE. When the design and the details are consistent, even large, high-performance radiators can be elegant and light. Ideal for creating a harmonious solution under window-sills and in niches.



MEINERTZ TS radiators have the same slender, stylish design as the MEINERTZ TS convectors, but are available in heights rising in 70 mm increments from 350 to 980 mm. You can choose between depths of 60 or 109 mm, and individual lengths of up to six metres. Even the large radiators have a light and elegant appearance, emphasised by closed convector ends with no visible welds, and recessed and integrated top grilles.

MEINERTZ TL radiators are available in depths of 11, 47 or 96 mm, and in the same dimensions and finish as TS radiators, without integrated top grilles.

MEINERTZ TX radiators are TL models equipped with a recessed and integrated top grille as the TS models.

TS, TL and TX radiators in all dimensions can also be supplied for vertical installation – i.e. in widths from 350 to 980 mm and in heights of up to six metres.

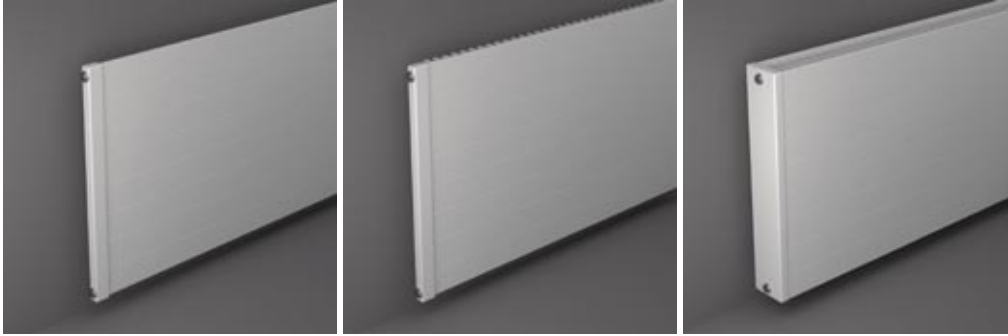
The TS, TL and TX models are supplied for wall mounting in lengths of up to six metres. Floor mounting is also possible, please contact Meinertz.

Available in all RAL colours, which allows the radiators to be integrated into a room's colour scheme.



CL radiators

CLASSIC, HIGH-QUALITY RADIATORS. A harmonious, high-performance and energy-saving solution with distinctive convector ends. Solid craftsmanship and a smart finish.



MEINERTZ CL radiators form a flexible range of high-performance radiators with many connection possibilities. The distinctive convector ends and flat front sides with their stylish horizontal lines produce a compact and harmonious design – even in solutions with large radiators.

The CL models are supplied for wall mounting in heights rising in increments of 70 mm from 350 to 980 mm, and in three different depths: 11, 47 or 96 mm.

Available in lengths of up to six metres, and in RAL colours as desired.



Customised solutions

MEINERTZ TX ZONE is a convector that does not get hot on the front or rear sides. Often utilised where safety is important, for example in junior schools or day care centres. Can also be supplied in TS, TL or CL versions.

MEINERTZ BAR RADIATORS are suitable for efficient room heating and for vertical installation in niches, where its vertical water-bearing pipes create a discreet and stylish expression.

MEINERTZ FACADE RADIATORS are slim bar radiators which can be discreetly fitted horizontally or vertically on window bars in buildings with large glass panels, to offset cold draughts.

MEINERTZ CORNER MODULES make it possible to create a unique and harmonious design by connecting convectors and radiators at right-angles around corners.

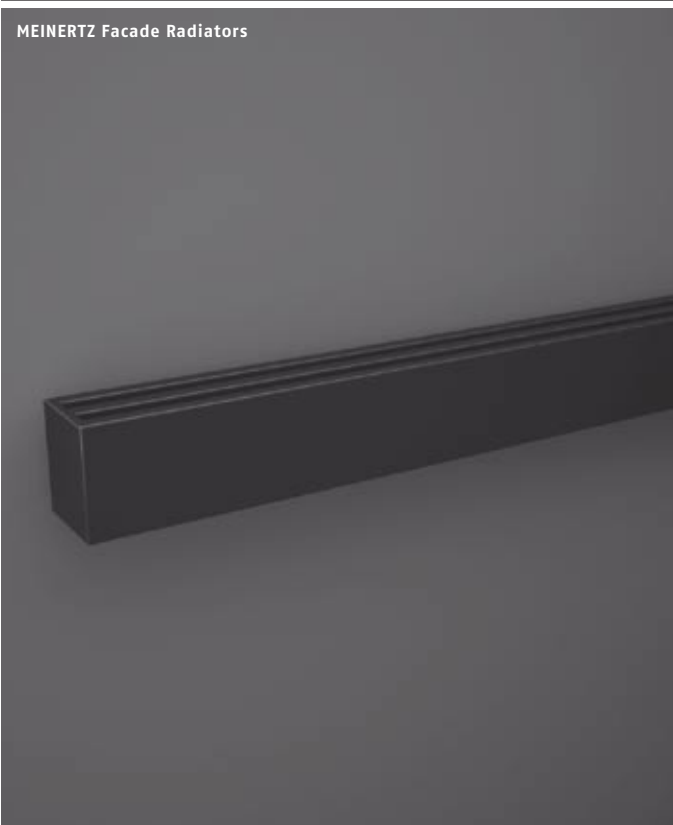
MEINERTZ TX Zone



MEINERTZ Bar Radiators



MEINERTZ Facade Radiators



MEINERTZ corner modules



MEINERTZ TX PLINTH enables optimum use of the available space by combining the convector function with seating, for example in corridors or as window-sills in front of window assemblies.

MEINERTZ CONNECTING PIECES are covering plates attached to MEINERTZ convectors and radiators to hide piping and provide a harmonious appearance.

MEINERTZ VERTICAL ROLLING GRILLES can be used to cover straight or curved convectors or finned tubes, etc.

MEINERTZ INDIVIDUALLY-DESIGNED RADIATORS function as decorative elements in a room. Here is one example of a solution created for a specific building.

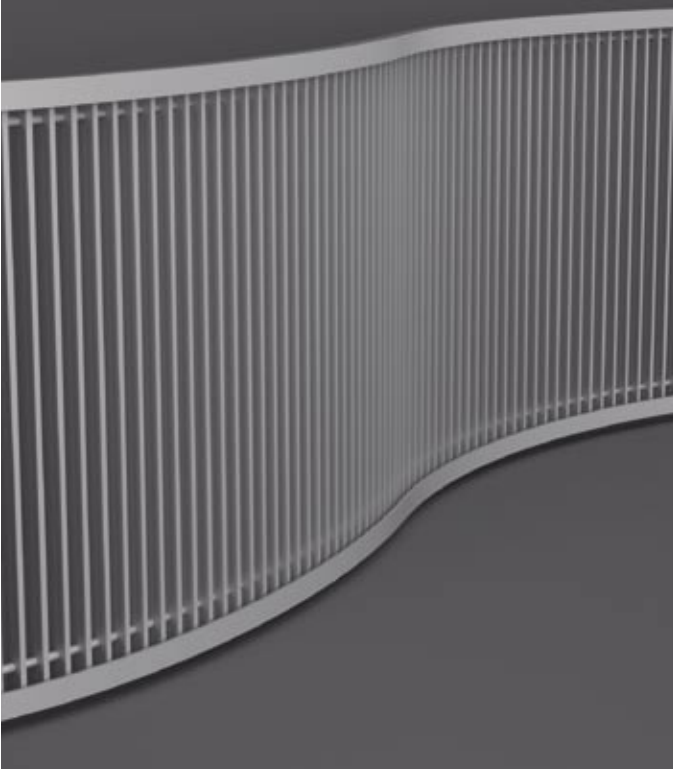
MEINERTZ TX Plinth



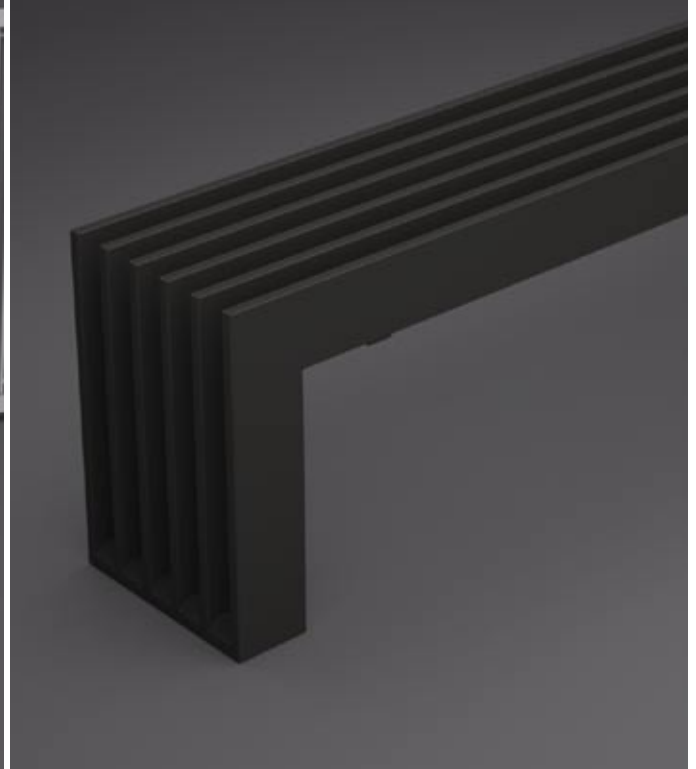
MEINERTZ connecting pieces



MEINERTZ vertical rolling grilles




MEINERTZ individually-designed radiators



Technical data

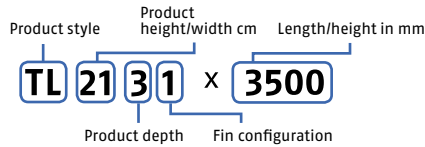
TECHNICAL INFORMATION FOR USE IN SELECTING, SPECIFYING, ORDERING AND INSTALLATION. On the following pages you can find technical data on the principal MEINERTZ products. Specifications and heat output calculations for the other product lines are available on request. We have also included information on connection and installation, brackets and coupling methods.

	CONVECTORS 	RADIATORS PLAN RADIATORS
TESTING	MEINERTZ TL, TX and CL convectors are CE marked, tested and certified to EN 442 standard	MEINERTZ radiators and plan radiators can be tested individually, as desired.
OPERATING CONDITIONS	MEINERTZ convectors may be utilised in heating installations with water temperatures of up to 120°C and a maximum operating pressure of 10 bars.	MEINERTZ radiators and plan radiators may be utilised in heating installations with water temperatures of up to 120°C and a maximum operating pressure of 10 bars.
CONVERSION TO OTHER TEMPERATURE SETS	The heat output of the products is indicated at $\hat{e}t$ 35 K (70/40/20)°C. Information on heat output in other temperature sets can be obtained at our web site, www.meinertz.com , or on request.	MEINERTZ radiators and plan radiators can be tested individually, as desired.
LENGTHS	Available in any desired length up to 6,000 mm, with a manufacturing tolerance of +/-5 mm. All lengths include internal tappings except for 3/4" welded tappings which are additional length.	The radiators are available in any desired length up to 6,000 mm, with a manufacturing tolerance of +/-5 mm. Plan radiators can be supplied in individual lengths up to 2,945 mm. All lengths include internal tappings except for 3/4" welded tappings which are additional length.
COLOURS	As standard, all MEINERTZ convectors are supplied powder coated in RAL 9016 (traffic white), but can be supplied in other RAL colours as desired – contact us for an offer.	As standard, all MEINERTZ radiators and plan radiators are supplied powder coated in RAL 9016 (traffic white), but can be supplied in other RAL colours as
RAW MATERIALS	MEINERTZ convectors are modularly constructed from 70 mm x 11 mm rectangular precision steel tubing with a plate thickness of 2 mm. The steel tubing is pressure-stable in accordance with DIN 2395. The 0.5 mm fins are multi-spot welded on the tube sides. For visual reasons the fins are recessed 7.5 mm from the upper and lower edges of the convector. The top grille(TS/TX) is louvered to conceal the inner fins. The convector ends are manufactured from 3 mm steel plate.	MEINERTZ radiators and plan radiators are modularly constructed from 70 mm x 11 mm rectangular precision steel tubing with a plate thickness of 2 mm. The steel tubing is pressure-stable in accordance with DIN 2395. The 0.5 mm fins are multi-spot welded on the tube sides. For visual reasons the fins are recessed 7.5 mm from the upper and lower edges of the radiator. The top grille is louvered to conceal the inner fins. The radiator ends are constructed from 3 mm steel plate. The front panel of the plan radiators is made of 1.5 mm 1203 steel.
MORE INFORMATION AT WWW.MEINERTZ.COM	At www.meinertz.com you can obtain inspiration and see photo documentation from a wide range of reference projects. It is also possible to download specific technical data sheets, product catalogues and technical descriptions for use in the compilation of tendering materials.	At www.meinertz.com you can obtain inspiration and see photo documentation from a wide range of reference projects. It is also possible to download specific technical data sheets, product catalogues and technical descriptions for use in the compilation of tendering materials.
NECESSARY DECISIONS BEFORE ORDERING:	<p>The technical data contains the information required to select the right convector solution:</p> <ol style="list-style-type: none"> 1. Choose the design 2. Should the dimensions be determined by performance requirements or the space available on site? 3. Should the convector be wall-mounted or floor-mounted? 4. Where should the forward flow and return flow be located? 5. Should several convectors be linked in series? 6. Standard colour or special colour? 	<p>The technical data contains the information required to select the right radiator solution:</p> <ol style="list-style-type: none"> 1. Choose the design 2. Should the dimensions be determined by performance requirements or the space available on site? 3. Where should the forward flow and return flow be located? 4. Should several radiators be linked in series? 5. Standard colour or special colour?

Type descriptions

All MEINERTZ products can be identified with the help of their product code.

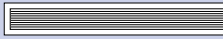
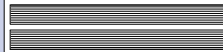



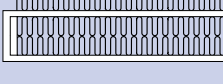
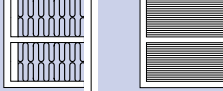
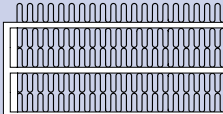
EXAMPLE:



<p>PRODUCT IMPLEMENTATIONS</p>	<p>TS = Convectors/radiators in TS style TL = Convectors/radiators in TS style TX = Convectors/radiators in TL style with integrated top grille CL = Convectors/radiators in TS style CX = Convectors/radiators in TL style with integrated top grille TF = Plan radiators</p>	
<p>PRODUCT HEIGHT, CONVECTORS</p>	<p>07 = 70 mm 14 = 140 mm 21 = 210 mm 28 = 280 mm</p>	
<p>PRODUCT HEIGHT, RADIATORS</p> <p>NB! With vertical models, the number indicates the width.</p>	<p>35 = 350 mm 42 = 420 mm 49 = 490 mm 56 = 560 mm 63 = 630 mm 70 = 700 mm 77 = 770 mm</p>	<p>Heights of TS, TL and TX models</p> <p>Heights of CL models</p>
<p>PRODUCT HEIGHT, HORIZONTAL PLAN RADIATORS</p>	<p>35 = 350 mm 42 = 420 mm 49 = 490 mm 56 = 560 mm</p>	<p>63 = 630 mm 70 = 700 mm 77 = 770 mm</p>
<p>PRODUCT WIDTH, VERTICAL PLAN RADIATORS</p>	<p>35 = 350 mm 42 = 420 mm 49 = 490 mm 56 = 560 mm</p>	<p>63 = 630 mm 70 = 700 mm 77 = 770 mm</p>
<p>PRODUCT DEPTH:</p>	<p>1 = single layer water-bearing pipes 2 = double layer water-bearing pipes 3 = triple layer water-bearing pipes</p>	
<p>FIN CONFIGURATION, CONVECTORS/ RADIATORS</p>	<p>0 = no external fins 1 = one external fin 2 = two external fins</p>	
<p>FIN CONFIGURATION, PLAN RADIATORS</p>	<p>0 = no fins 1 = one fin 2 = two fins 3 = three fins</p>	

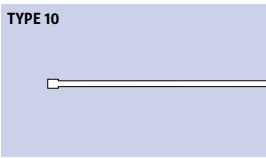
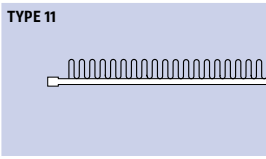
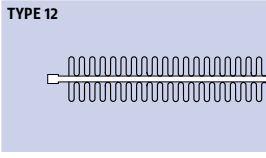
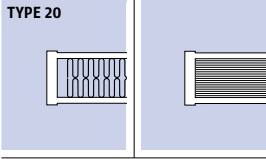
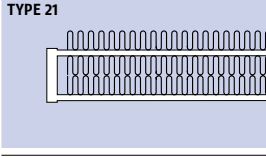
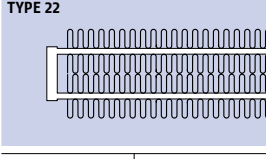
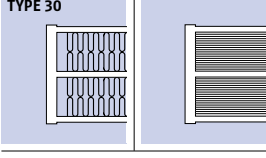
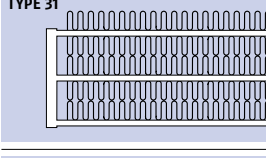
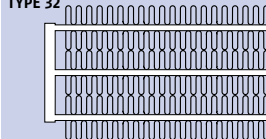
TS, TL and TX convectors

DIMENSIONS, WEIGHT, WATER CONTENT, BRACKETS AND HEAT OUTPUT. Convectors are available in heights 70, 140, 210 and 280 mm and in lengths of up to six metres. The output of the products is indicated at Δt 35 K (70/40/20)°C. Outputs at other temperature sets is available from our website: www.meinertz.com

TS		70 Height 70 mm	140 Height 140 mm	210 Height 210 mm	280 Height 280 mm
TYPE 20 	TS 0720 Height x depth 70 x 60 mm Weight 6,0 kg/m Water content 1,0 l/m Brackets, wall/floor V10/G60 Heat output 163 W/m	TS 1420 Height x depth 140 x 60 mm Weight 11,7 kg/m Water content 2,0 l/m Brackets, wall/floor V20/G60 Heat output 243 W/m	TS 2120 Height x depth 210 x 60 mm Weight 16,9 kg/m Water content 3,0 l/m Brackets, wall/floor V30/G60 Heat output 321 W/m	TS 2820 Height x depth 280 x 60 mm Weight 22,5 kg/m Water content 4,0 l/m Brackets, wall/floor V40/G60 Heat output 400 W/m	
	TYPE 30 	TS 0730 Height x depth 70 x 109 mm Weight 9,7 kg/m Water content 1,5 l/m Brackets, wall/floor V10/G70 Heat output 260 W/m	TS 1430 Height x depth 140 x 109 mm Weight 18,8 kg/m Water content 3,0 l/m Brackets, wall/floor V20/G70 Heat output 372 W/m	TS 2130 Height x depth 210 x 109 mm Weight 26,9 kg/m Water content 4,5 l/m Brackets, wall/floor V30/G70 Heat output 489 W/m	TS 2830 Height x depth 280 x 109 mm Weight 35,8 kg/m Water content 6,0 l/m Brackets, wall/floor V40/G70 Heat output 629 W/m
TL/TX		70 Height 70 mm	140 Height 140 mm	210 Height 210 mm	280 Height 280 mm
TYPE 10 	TL 0710 Height x depth 70 x 50 mm Weight 2,3 kg/m Water content 0,5 l/m Brackets, wall/floor V12/G10 Heat output 65 W/m	TL 1410 Height x depth 140 x 50 mm Weight 4,6 kg/m Water content 1,0 l/m Brackets, wall/floor V22/G10 Heat output 111 W/m	TL 2110 Height x depth 210 x 50 mm Weight 6,9 kg/m Water content 1,5 l/m Brackets, wall/floor V32/G10 Heat output 152 W/m	TL 2810 Height x depth 280 x 50 mm Weight 9,2 kg/m Water content 2,0 l/m Brackets, wall/floor V42/G10 Heat output 190 W/m	
	TYPE 11 	TL 0711 Height x depth 70 x 50 mm Weight 3,2 kg/m Water content 0,5 l/m Brackets, wall/floor V10/G20 Heat output w/grille 122 W/m Heat output w/grille - W/m	TL 1411 Height x depth 140 x 50 mm Weight 6,6 kg/m Water content 1,0 l/m Brackets, wall/floor V20/G20 Heat output w/grille 197 W/m Heat output w/grille - W/m	TL 2111 Height x depth 210 x 50 mm Weight 9,5 kg/m Water content 1,5 l/m Brackets, wall/floor V30/G20 Heat output w/grille 262 W/m Heat output w/grille - W/m	TL 2811 Height x depth 280 x 50 mm Weight 12,8 kg/m Water content 2,0 l/m Brackets, wall/floor V40/G20 Heat output w/grille 321 W/m Heat output w/grille - W/m
TYPE 20 	TL/TX 0720 Height x depth 70 x 96 mm Weight u/m rist 6,4/7,2 kg/m Water content 1,0 l/m Brackets, wall/floor V60/G40 Heat output w/grille 237 W/m Heat output w/grille 227 W/m	TL/TX 1420 Height x depth 140 x 96 mm Weight u/m rist 13,2/14,0 kg/m Water content 2,0 l/m Brackets, wall/floor V60/G40 Heat output w/grille 363 W/m Heat output w/grille 346 W/m	TL/TX 2120 Height x depth 210 x 96 mm Weight u/m rist 19,0/19,8 kg/m Water content 3,0 l/m Brackets, wall/floor V60/G40 Heat output w/grille 478 W/m Heat output w/grille 455 W/m	TL/TX 2820 Height x depth 280 x 96 mm Weight u/m rist 25,6/26,4 kg/m Water content 4,0 l/m Brackets, wall/floor V60/G40 Heat output w/grille 582 W/m Heat output w/grille 555 W/m	
TYPE 21 	TL 0721 Height x depth 70 x 132 mm Weight 7,3 kg/m Water content 1,0 l/m Brackets, wall/floor V61/G40 Heat output 288 W/m	TL 1421 Height x depth 140 x 132 mm Weight 15,2 kg/m Water content 2,0 l/m Brackets, wall/floor V61/G40 Heat output 446 W/m	TL 2121 Height x depth 210 x 132 mm Weight 21,6 kg/m Water content 3,0 l/m Brackets, wall/floor V61/G40 Heat output 581 W/m	TL 2821 Height x depth 280 x 132 mm Weight 29,2 kg/m Water content 4,0 l/m Brackets, wall/floor V61/G40 Heat output 702 W/m	
TYPE 30 	TL/TX 0730 Height x depth 70 x 181 mm Weight u/m rist 10,5/12,1 kg/m Water content 1,0 l/m Brackets, wall/floor V62/G50 Heat output w/grille 406 W/m Heat output w/grille 376 W/m	TL/TX 1430 Height x depth 140 x 181 mm Weight u/m rist 21,8/23,4 kg/m Water content 3,0 l/m Brackets, wall/floor V62/G50 Heat output w/grille 630 W/m Heat output w/grille 591 W/m	TL/TX 2130 Height x depth 210 x 181 mm Weight u/m rist 31,1/32,7 kg/m Water content 4,5 l/m Brackets, wall/floor V62/G50 Heat output w/grille 809 W/m Heat output w/grille 764 W/m	TL/TX 2830 Height x depth 280 x 181 mm Weight u/m rist 42,0/43,6 kg/m Water content 6,0 l/m Brackets, wall/floor V62/G50 Heat output w/grille 955 W/m Heat output w/grille 890 W/m	
TYPE 31 	TL 0731 Height x depth 70 x 217 mm Weight 11,4 kg/m Water content 1,0 l/m Brackets, wall/floor V63/G50 Heat output 450 W/m	TL 1431 Height x depth 140 x 217 mm Weight 23,8 kg/m Water content 3,0 l/m Brackets, wall/floor V63/G50 Heat output 704 W/m	TL 2131 Height x depth 210 x 217 mm Weight 33,7 kg/m Water content 4,5 l/m Brackets, wall/floor V63/G50 Heat output 906 W/m	TL 2831 Height x depth 280 x 217 mm Weight 45,6 kg/m Water content 6,0 l/m Brackets, wall/floor V63/G50 Heat output 1071 W/m	

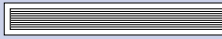

CL and CX convectors

DIMENSIONS, WEIGHT, WATER CONTENT, BRACKETS AND HEAT OUTPUT. The convectors are available in heights 70, 140, 210 and 280 mm and in lengths of up to six metres. The heat output of the products is indicated at Δt 35 K (70/40/20)°C. Outputs at other temperature sets is available from our website: www.meinertz.com

CL/CX	70 Height 70 mm	140 Height 140 mm	210 Height 210 mm	280 Height 280 mm
TYPE 10 	CL 0710 Hight x depth 70 x 11 mm Weight 2,3 kg/m Water content 0,5 l/m Brackets, wall/floor V11/G10 Heat output 65 W/m	CL 1410 Hight x depth 140 x 11 mm Weight 4,6 kg/m Water content 1,0 l/m Brackets, wall/floor V21/G10 Heat output 111 W/m	CL 2110 Hight x depth 210 x 11 mm Weight 6,9 kg/m Water content 1,5 l/m Brackets, wall/floor V31/G10 Heat output 152 W/m	CL 2810 Hight x depth 280 x 11 mm Weight 9,2 kg/m Water content 2,0 l/m Brackets, wall/floor V41/G10 Heat output 190 W/m
TYPE 11 	CL 0711 Hight x depth 70 x 47 mm Weight 3,2 kg/m Water content 0,5 l/m Brackets, wall/floor V10/G20 Heat output 122 W/m	CL 1411 Hight x depth 140 x 47 mm Weight 6,6 kg/m Water content 1,0 l/m Brackets, wall/floor V20/G20 Heat output 197 W/m	CL 2111 Hight x depth 210 x 47 mm Weight 9,5 kg/m Water content 1,5 l/m Brackets, wall/floor V30/G20 Heat output 262 W/m	CL 2811 Hight x depth 280 x 47 mm Weight 12,8 kg/m Water content 2,0 l/m Brackets, wall/floor V40/G20 Heat output 321 W/m
TYPE 12 	CL 0712 Hight x depth 70 x 83 mm Weight 4,1 kg/m Water content 0,5 l/m Brackets, wall/floor V10/G30 Heat output 170 W/m	CL 1412 Hight x depth 140 x 83 mm Weight 8,6 kg/m Water content 1,0 l/m Brackets, wall/floor V20/G30 Heat output 269 W/m	CL 2112 Hight x depth 210 x 83 mm Weight 12,1 kg/m Water content 1,5 l/m Brackets, wall/floor V30/G30 Heat output 351 W/m	CL 2812 Hight x depth 280 x 83 mm Weight 16,4 kg/m Water content 2,0 l/m Brackets, wall/floor V40/G30 Heat output 431 W/m
TYPE 20 	CL/CX 0720 Hight x depth 70 x 96 mm Weight u/m rist 6,4/7,2 kg/m Water content 1,0 l/m Brackets, wall/floor V60/G40 Heat output wo/grille 237 W/m Heat output w/grille 227 W/m	CL/CX 1420 Hight x depth 140 x 96 mm Weight u/m rist 13,2/14,0 kg/m Water content 2,0 l/m Brackets, wall/floor V60/G40 Heat output wo/grille 363 W/m Heat output w/grille 346 W/m	CL/CX 2120 Hight x depth 210 x 96 mm Weight u/m rist 19,0/19,8 kg/m Water content 3,0 l/m Brackets, wall/floor V60/G40 Heat output wo/grille 478 W/m Heat output w/grille 455 W/m	CL/CX 2820 Hight x depth 280 x 96 mm Weight u/m rist 25,6/26,4 kg/m Water content 4,0 l/m Brackets, wall/floor V60/G40 Heat output wo/grille 582 W/m Heat output w/grille 555 W/m
TYPE 21 	CL 0721 Hight x depth 70 x 132 mm Weight 7,3 kg/m Water content 1,0 l/m Brackets, wall/floor V61/G40 Heat output 288 W/m	CL 1421 Hight x depth 140 x 132 mm Weight 15,2 kg/m Water content 2,0 l/m Brackets, wall/floor V61/G40 Heat output 446 W/m	CL 2121 Hight x depth 210 x 132 mm Weight 21,6 kg/m Water content 3,0 l/m Brackets, wall/floor V61/G40 Heat output 581 W/m	CL 2821 Hight x depth 280 x 132 mm Weight 29,2 kg/m Water content 4,0 l/m Brackets, wall/floor V61/G40 Heat output 702 W/m
TYPE 22 	CL 0722 Hight x depth 70 x 168 mm Weight 8,2 kg/m Water content 1,0 l/m Brackets, wall/floor V61/G40 Heat output 334 W/m	CL 0722 Hight x depth 140 x 168 mm Weight 17,8 kg/m Water content 2,0 l/m Brackets, wall/floor V61/G40 Heat output 522 W/m	CL 2122 Hight x depth 210 x 168 mm Weight 24,2 kg/m Water content 3,0 l/m Brackets, wall/floor V61/G40 Heat output 681 W/m	CL 2822 Hight x depth 280 x 168 mm Weight 32,8 kg/m Water content 4,0 l/m Brackets, wall/floor V61/G40 Heat output 830 W/m
TYPE 30 	CL/CX 0730 Hight x depth 70 x 181 mm Weight u/m rist 10,5/12,1 kg/m Water content 1,0 l/m Brackets, wall/floor V62/G50 Heat output wo/grille 406 W/m Heat output w/grille 376 W/m	CL/CX 1430 Hight x depth 140 x 181 mm Weight u/m rist 21,8/23,4 kg/m Water content 3,0 l/m Brackets, wall/floor V62/G50 Heat output wo/grille 630 W/m Heat output w/grille 591 W/m	CL/CX 2130 Hight x depth 210 x 181 mm Weight u/m rist 31,1/32,7 kg/m Water content 4,5 l/m Brackets, wall/floor V62/G50 Heat output wo/grille 809 W/m Heat output w/grille 764 W/m	CL/CX 2830 Hight x depth 280 x 181 mm Weight u/m rist 42,0/43,6 kg/m Water content 6,0 l/m Brackets, wall/floor V62/G50 Heat output wo/grille 955 W/m Heat output w/grille 890 W/m
TYPE 31 	CL 0731 Hight x depth 70 x 217 mm Weight 11,4 kg/m Water content 1,0 l/m Brackets, wall/floor V63/G50 Heat output 450 W/m	CL 1431 Hight x depth 140 x 217 mm Weight 23,8 kg/m Water content 3,0 l/m Brackets, wall/floor V63/G50 Heat output 704 W/m	CL 2131 Hight x depth 210 x 217 mm Weight 33,7 kg/m Water content 4,5 l/m Brackets, wall/floor V63/G50 Heat output 906 W/m	CL 2831 Hight x depth 280 x 217 mm Weight 45,6 kg/m Water content 6,0 l/m Brackets, wall/floor V63/G50 Heat output 1071 W/m
TYPE 32 	CL 0732 Hight x depth 70 x 253 mm Weight 12,3 kg/m Water content 1,0 l/m Brackets, wall/floor V63/G50 Heat output 500 W/m	CL 1432 Hight x depth 140 x 253 mm Weight 25,8 kg/m Water content 3,0 l/m Brackets, wall/floor V63/G50 Heat output 782 W/m	CL 2132 Hight x depth 210 x 253 mm Weight 36,3 kg/m Water content 4,5 l/m Brackets, wall/floor V63/G50 Heat output 1014 W/m	CL 2832 Hight x depth 280 x 253 mm Weight 49,2 kg/m Water content 6,0 l/m Brackets, wall/floor V63/G50 Heat output 1213 W/m

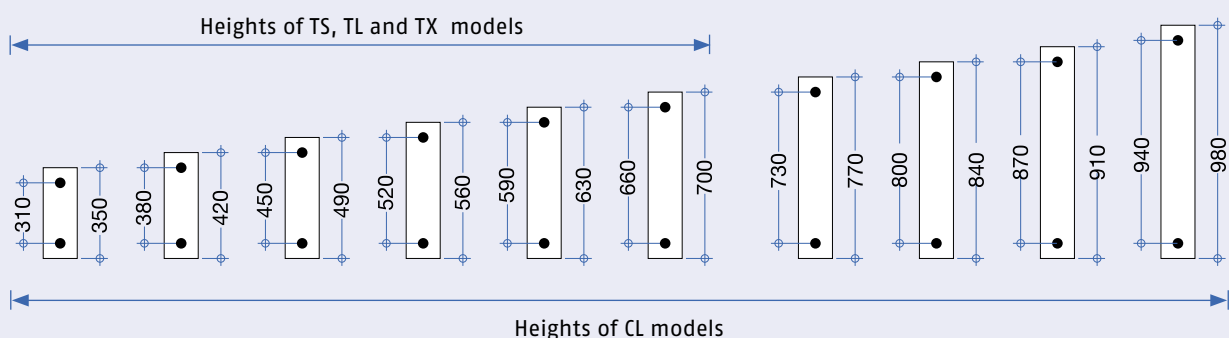
TS, TL, TX and CL radiators

DIMENSIONS, WEIGHT, WATER CONTENT AND BRACKETS. The radiators are available in heights increasing in 70 mm increments from 350 to 980 mm, and in lengths of up to six metres. Contact us for information on heat output.

TS		350 Height 350 mm	420 Height 420 mm	490 Height 490 mm	560 Height 560 mm			
TYPE 20 	TS 3520	Hight x depth 350 x 60 mm Weight 15,5 kg/m Water content 5,0 l/m Brackets, wall V50	TS 4220	Hight x depth 420 x 60 mm Weight 18,6 kg/m Water content 6,0 l/m Brackets, wall V50	TS 4920	Hight x depth 490 x 60 mm Weight 21,7 kg/m Water content 7,0 l/m Brackets, wall V50	TS 5620	Hight x depth 560 x 60 mm Weight 24,8 kg/m Water content 8,0 l/m Brackets, wall V50
	TYPE 30	TS 3530	Hight x depth 350 x 109 mm Weight 19,5 kg/m Water content 7,5 l/m Brackets, wall V50	TS 4230	Hight x depth 420 x 109 mm Weight 23,4 kg/m Water content 9,0 l/m Brackets, wall V50	TS 4930	Hight x depth 490 x 109 mm Weight 27,3 kg/m Water content 10,5 l/m Brackets, wall V50	TS 5630
TL/TX/CL		350 Height 350 mm	420 Height 420 mm	490 Height 490 mm	560 Height 560 mm			
TYPE 10 	TL/CL 3510	TL hight x depth 350 x 50 mm CL hight x depth 350 x 11 mm Weight 11,5 kg/m Water content 2,5 l/m Brackets, wall V52/V51	TL/CL 4210	TL hight x depth 420 x 50 mm CL hight x depth 420 x 11 mm Weight 13,8 kg/m Water content 3,0 l/m Brackets, wall V52/V51	TL/CL 4910	TL hight x depth 490 x 50 mm CL hight x depth 490 x 11 mm Weight 16,1 kg/m Water content 3,5 l/m Brackets, wall V52/V51	TL/CL 5610	TL hight x depth 560 x 50 mm CL hight x depth 560 x 11 mm Weight 18,4 kg/m Water content 4,0 l/m Brackets, wall V72/V71
	TYPE 11*	TL/TX/CL 3511	TL/TX hight x depth 350 x 50 mm CL hight x depth 350 x 47 mm Weight 15,5 kg/m Water content 2,5 l/m Brackets, wall V50	TL/TX/CL 4211	TL/TX hight x depth 420 x 50 mm CL hight x depth 420 x 47 mm Weight 18,6 kg/m Water content 3,0 l/m Brackets, wall V50	TL/TX/CL 4911	TL/TX hight x depth 490 x 50 mm CL hight x depth 490 x 47 mm Weight 21,7 kg/m Water content 3,5 l/m Brackets, wall V50	TL/TX/CL 5611
TYPE 20*	TL/TX/CL 3520	TL/TX hight x depth 350 x 96 mm CL hight x depth 350 x 96 mm Weight 19,5 kg/m Water content 5,0 l/m Brackets, wall V50	TL/TX/CL 4220	TL/TX hight x depth 420 x 96 mm CL hight x depth 420 x 96 mm Weight 23,4 kg/m Water content 6,0 l/m Brackets, wall V50	TL/TX/CL 4920	TL/TX hight x depth 490 x 96 mm CL hight x depth 490 x 96 mm Weight 27,3 kg/m Water content 7,0 l/m Brackets, wall V50	TL/TX/CL 5620	TL/TX hight x depth 560 x 96 mm CL hight x depth 560 x 96 mm Weight 31,2 kg/m Water content 8,0 l/m Brackets, wall V70

* Also available as TX model with recessed and integrated top grille.







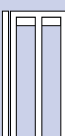
RADIATOR HEIGHTS



Data for heights 630 to 980 mm can be seen at www.meinertz.com

TF plan radiators

DIMENSIONS, WEIGHT, WATER CONTENT AND BRACKETS. Plan radiators are available in the standard widths indicated by the table. The maximum standard length is 2,945 mm. Heat output data is available from MEINERTZ on request.

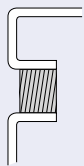
Horizontal models	350 Height 350 mm	420 Height 420 mm	490 Height 490 mm	560 Height 560 mm
TYPE 10 	TF 3510 Height x depth 350 x 60 mm Weight 15,7 kg/m Water content 2,5 l/m Brackets, wall V50	TF 4210 Height x depth 420 x 60 mm Weight 18,8 kg/m Water content 3,0 l/m Brackets, wall V50	TF 4910 Height x depth 490 x 60 mm Weight 22,0 kg/m Water content 3,5 l/m Brackets, wall V50	TF 5610 Height x depth 560 x 60 mm Weight 25,1 kg/m Water content 4,0 l/m Brackets, wall V50
TYPE 11 	TF 3511 Height x depth 350 x 60 mm Weight 19,7 kg/m Water content 2,5 l/m Brackets, wall V50	TF 4211 Height x depth 420 x 60 mm Weight 23,6 kg/m Water content 3,0 l/m Brackets, wall V50	TF 4911 Height x depth 490 x 60 mm Weight 27,6 kg/m Water content 3,5 l/m Brackets, wall V50	TF 5611 Height x depth 560 x 60 mm Weight 31,5 kg/m Water content 4,0 l/m Brackets, wall V50
TYPE 12 	TF 3512 Height x depth 350 x 95 mm Weight 24,7 kg/m Water content 2,5 l/m Brackets, wall V50	TF 4212 Height x depth 420 x 95 mm Weight 29,6 kg/m Water content 3,0 l/m Brackets, wall V50	TF 4912 Height x depth 490 x 95 mm Weight 34,6 kg/m Water content 3,5 l/m Brackets, wall V50	TF 5612 Height x depth 560 x 95 mm Weight 39,5 kg/m Water content 4,0 l/m Brackets, wall V50
TYPE 21 	TF 3521 Height x depth 350 x 146 mm Weight 40,7 kg/m Water content 5,0 l/m Brackets, wall V50	TF 4221 Height x depth 420 x 146 mm Weight 48,8 kg/m Water content 6,0 l/m Brackets, wall V50	TF 4921 Height x depth 490 x 146 mm Weight 57,0 kg/m Water content 7,0 l/m Brackets, wall V50	TF 5621 Height x depth 560 x 146 mm Weight 65,1 kg/m Water content 8,0 l/m Brackets, wall V50
Vertical models	350 Width 350 mm	420 Width 420 mm	490 Width 490 mm	560 Width 560 mm
TYPE 10 	TF 3510 Width x depth 350 x 60 mm Weight 11,5 kg Water content 2,5 l/m Brackets, wall V70	TF 3510 Width x depth 420 x 60 mm Weight 13,8 kg Water content 3,0 l/m Brackets, wall V70	TF 3510 Width x depth 490 x 60 mm Weight 16,1 kg Water content 3,5 l/m Brackets, wall V70	TF 3510 Width x depth 560 x 60 mm Weight 18,4 kg Water content 4,0 l/m Brackets, wall V70
TYPE 20 	TF 3520 Width x depth 350 x 74 mm Weight 23 kg Water content 5,0 l/m Brackets, wall V70	TF 4220 Width x depth 420 x 74 mm Weight 27,6 kg Water content 6,0 l/m Brackets, wall V70	TF 4920 Width x depth 490 x 74 mm Weight 32,2 kg Water content 7,0 l/m Brackets, wall V70	TF 5620 Width x depth 560 x 74 mm Weight 36,8 kg Water content 8,0 l/m Brackets, wall V70
TYPE 30 	TF 3530 Width x depth 350 x 123 mm Weight 34,5 kg Water content 7,5 l/m Brackets, wall V70	TF 4230 Width x depth 420 x 123 mm Weight 41,4 kg Water content 9,0 l/m Brackets, wall V70	TF 4930 Width x depth 490 x 123 mm Weight 48,3 kg Water content 10,5 l/m Brackets, wall V70	TF 5630 Width x depth 560 x 123 mm Weight 55,2 kg Water content 12 l/m Brackets, wall V70

Connections for TS, TL and CL convectors

POSSIBLE TAPPING LOCATIONS. The table indicates where the tapings may be located on the individual types and sizes of convector. The table also applies to TX and CX models, and indicates whether the tapplings are internal or external steel bosses.

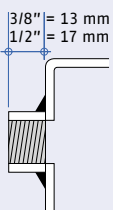
TS/TL/CL	70 Height 70 mm			140 Height 140 mm			210 Height 210 mm			280 Height 280 mm		
	3/8 10	1/2 15	3/4 20	3/8 10	1/2 15	3/4 20	3/8 10	1/2 15	3/4 20	3/8 10	1/2 15	3/4 20
TYPE 10, 11, 12												
Tapping location:												
ABCD				●	●	▲	●	●	▲	●	●	▲
AD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AC, BC, BD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AB, CD				●	●	▲	●	●	▲	●	●	▲
EF, GH	●	●	▲	●	●	▲	●	●	▲	●	●	▲
EE, FF, GG, HH												
TYPE 20, 21, 22												
Tapping location:												
ABCD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AC, BC, BD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AB, CD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
EF, GH	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
EE, FF, GG, HH	▲	▲		▲	▲		▲	▲		▲	▲	
TYPE 20, 21, 22												
Tapping location:												
ABCD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AC, BC, BD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AB, CD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
EF, GH	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
EE, FF, GG, HH	▲	▲		▲	▲		▲	▲		▲	▲	

● Internal recessed tapping

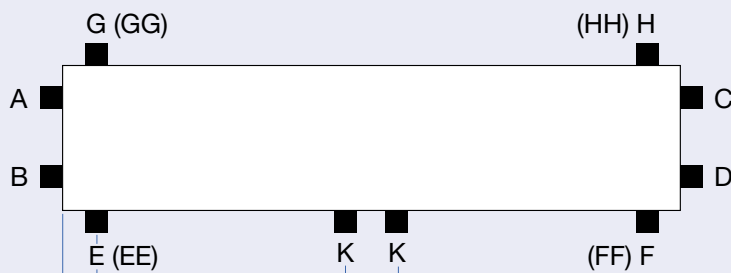


All lengths for convectors include internal recessed tapplings.

▲ External tapping boss



All lengths for convectors exclude external tapping bosses.



TS = 18 mm
 TL = 18 mm
 CL single = 20 mm
 CL double/triple = 14 mm
 All above dimensions are +/- 2mm

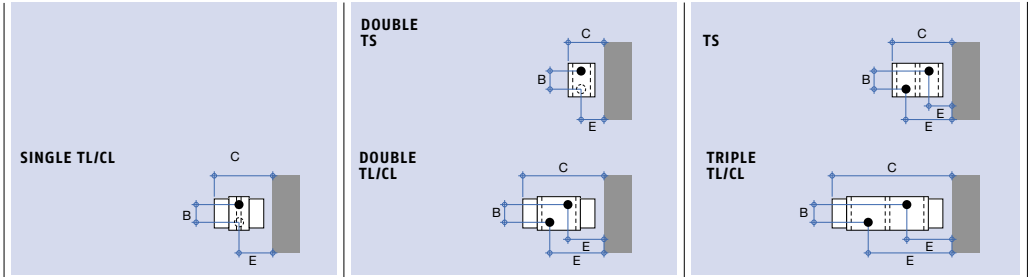
Min. 50 mm
 Only with 3/8" tapplings

Special locations are possible. Model TS 0720 and models TL, TX and CL types 0710, 0711 and 0712 are supplied only with side tapplings.

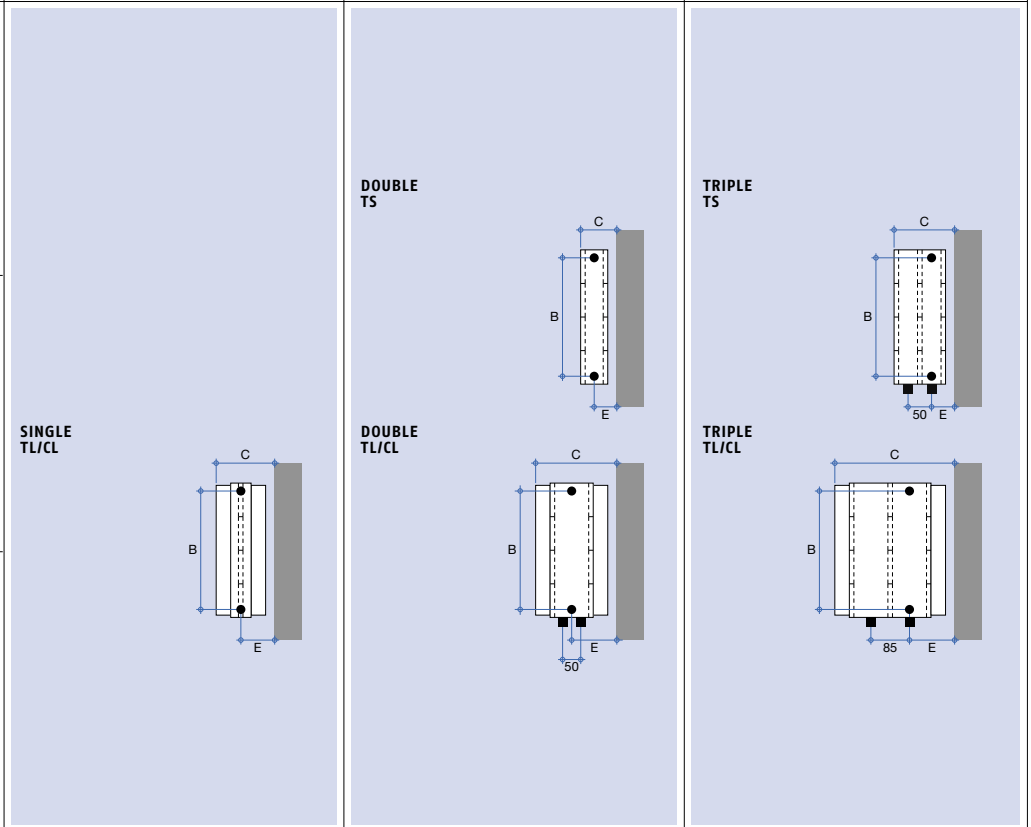
Mounting dimensions, TS, TL and CL convectors

INSTALLATION OF WALL-MOUNTED CONVECTORS. This page shows an overview of the dimensions you may need to know before beginning the installation work.

70
Height 70 mm



140
Height 140 mm



210
Height 210 mm

280
Height 280 mm

TYPE	10	11	12	20	21	22	30	31	32
DISTANCE BETWEEN TAPPINGS									
B Height 70	30**	30**	30**	30	30	30	30	30	30
B Height 140	100	100	100	100	100	100	100	100	100
B Height 210	170	170	170	170	170	170	170	170	170
B Height 280	240	240	240	240	240	240	240	240	240
DISTANCE, WALL - FRONT EDGE									
C (TS)				80			127		
C (TL/TX)	60*	67		116	150*		197	233*	
C (CL)	50*	76	103	116	150	186	197	233	269
DISTANCE, WALL - TAPPING CENTRE									
E (TS)				50			50		
E (TL/TX)	35*	42	42	68	104*		68	104*	
E (TL 07)	35*	42	42	47/92	82/126		68/153	104/188	
E (CL)	35	61	61	68	104	104	68	104	104
E (CL 07)	35	61	61	47/92	82/126	82/126	68/153	104/188	104/188

*Not supplied as TX.

**Supplied only with side tappings.

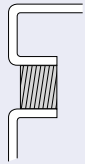
Distance from convector upper edge to tapping centre = 20 mm +/- 3 mm
 Distance from convector lower edge to tapping centre = 20 mm +/- 3 mm
 Distance from wall to rear of convector = 20 mm +/- 3 mm

Connections for TS, TL, TX and CL radiators

POSSIBLE TAPPING LOCATIONS. The table indicates where the tapplings may be located on the individual radiator types and radiator sizes.

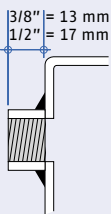
TS/TL/CL	350 Height 350 mm			420 Height 420 mm			490 Height 490 mm			560 Height 560 mm		
	3/8 10	1/2 15	3/4 20	3/8 10	1/2 15	3/4 20	3/8 10	1/2 15	3/4 20	3/8 10	1/2 15	3/4 20
TYPE 10, 11												
Tapping location:												
ABCD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AC, BC, BD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AB, CD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
EF, GH	●	●	▲	●	●	▲	●	●	▲	●	●	▲
TYPE 20, 30												
Tapping location:												
ABCD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AC, BC, BD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AB, CD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
EF, GH	●*	●*	▲	●*	●*	▲	●*	●*	▲	●*	●*	▲

● Internal recessed tapping



All lengths for convectors include internal recessed tapplings.

▲ External tapping boss



All lengths for convectors exclude external tapping bosses.



TS = 18 mm
 CL single = 20 mm
 CL double/triple = 14 mm
 All above dimensions are +/- 2mm

*Semi-recessed welded tapping on CL radiators – contact Meinertz

Mounting dimensions, TS, TL and CL radiators

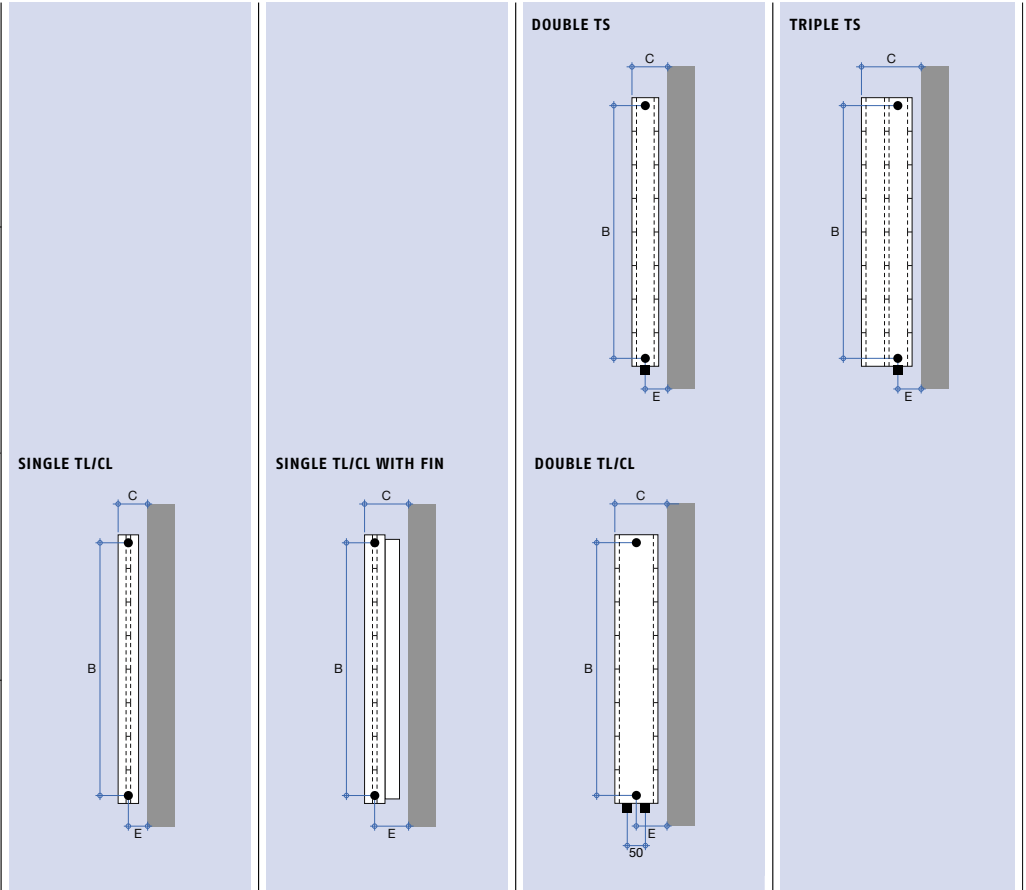
INSTALLATION OF WALL-MOUNTED RADIATORS. This page shows an overview of the dimensions you may need to know before beginning the installation work.

350
Height 350 mm

420
Height 420 mm

490
Height 490 mm

560
Height 560 mm



TYPE	10	11	20	TS 30
DISTANCE BETWEEN TAPPING CENTRES				
B Height 350	310	310	310	310
B Height 420	380	380	380	380
B Height 490	450	450	450	450
B Height 560	520	520	520	520
DISTANCE, WALL - FRONT EDGE				
C (TS)			80	192
C (TL/TX)	60	67	116	
C (CL)	50	76	116	
DISTANCE, WALL - TAPPING CENTRE				
E (TS)			50	50
E (TL/TX)	35	42	68	
E (CL)	35	61	68	

Distance from radiator upper edge to tapping centre = 20 mm +/- 3 mm

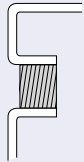
Distance from radiator lower edge to tapping centre = 20 mm +/- 3 mm
Distance from convector upper edge to tapping centre = 20 mm +/- 3 mm

Connecting TF plan radiators

CONNECTION POSSIBILITIES. Plan radiators are supplied as standard with several tapings. The table indicates the recommended possible combinations.

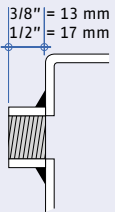
TF Horizontally mounted	350 Height 350 mm			420 Height 420 mm			490 Height 490 mm			560 Height 560 mm		
	Tapping dim., inches 3/8	Tapping dim., inches 1/2	Tapping dim., inches 3/4	Tapping dim., inches 3/8	Tapping dim., inches 1/2	Tapping dim., inches 3/4	Tapping dim., inches 3/8	Tapping dim., inches 1/2	Tapping dim., inches 3/4	Tapping dim., inches 3/8	Tapping dim., inches 1/2	Tapping dim., inches 3/4
TYPE 10, 11												
Tapping location:												
ABCD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AC, BC, BD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AB, CD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
EF, GH	●	●	▲	●	●	▲	●	●	▲	●	●	▲
TYPE 12, 21												
Tapping location:												
ABCD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AC, BC, BD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
AB, CD	●	●	▲	●	●	▲	●	●	▲	●	●	▲
EF, GH	●	●	▲	●	●	▲	●	●	▲	●	●	▲

● Internal recessed tapping



All lengths for convectors include internal recessed tapings.

▲ External tapping boss



All lengths for convectors exclude external tapping bosses.



Mounting dimensions, TF plan radiators

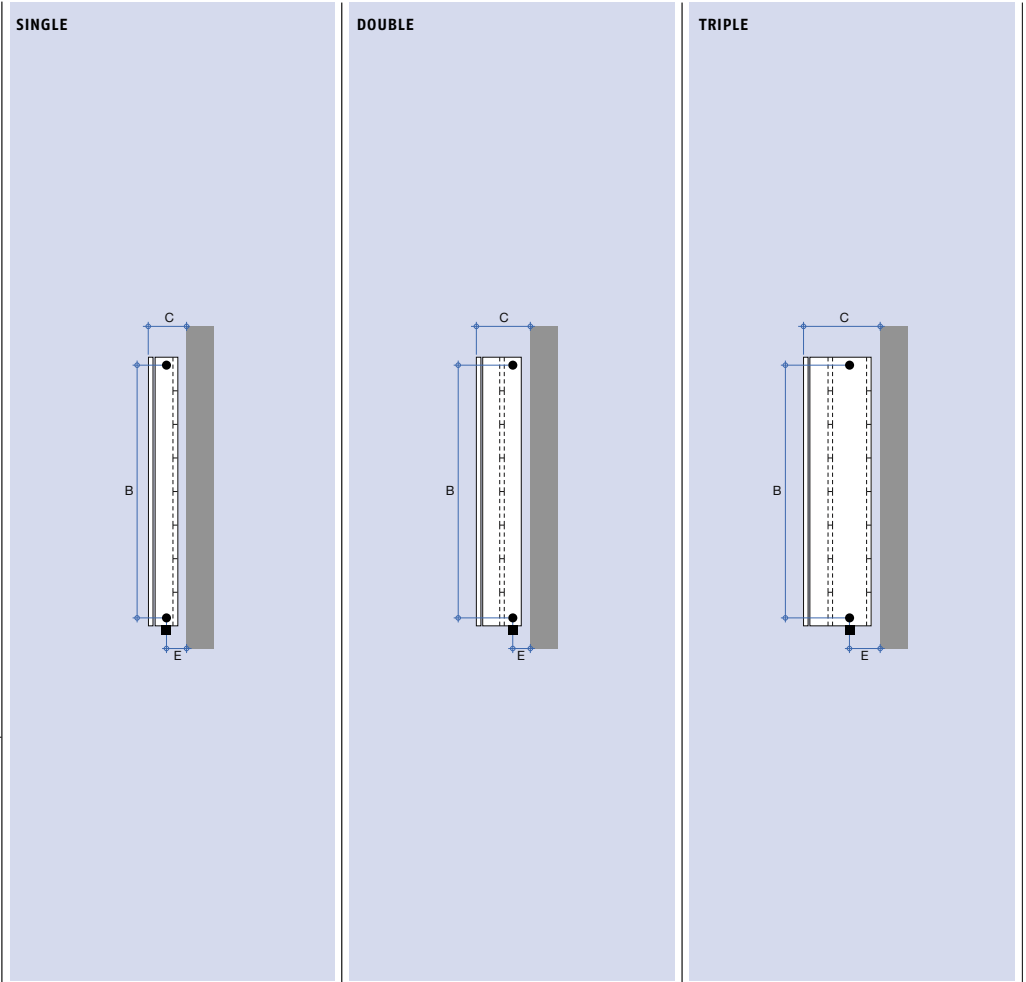
INSTALLATION OF WALL-MOUNTED PLAN RADIATORS. This page shows an overview of the dimensions you may need to know before beginning the installation work.

350
Height 350 mm

420
Height 420 mm

490
Height 490 mm

560
Height 560 mm



TYPE	10	11	12	21
DISTANCE BETWEEN TAPPING CENTRES				
B Height 350	310	310	310	310
B Height 420	380	380	380	380
B Height 490	450	450	450	450
B Height 560	520	520	520	520
DISTANCE, WALL - FRONT EDGE				
C	80	80	115	166
DISTANCE, WALL - TAPPING CENTRE				
E	50	50	40	68








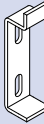







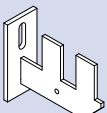
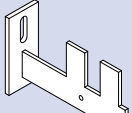
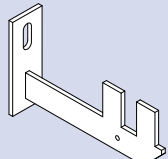
Distance from radiator upper edge to tapping centre = 20 mm +/- 3 mm

Distance from radiator lower edge to tapping centre = 20 mm +/- 3 mm
Distance from wall to rear of convector = 20 mm +/- 3 mm

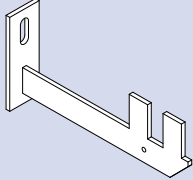

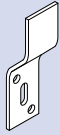
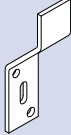
Brackets

BRACKETS FOR WALL, FLOOR AND BENCH MOUNTING. The data tables on pages 18–21 indicate which bracket is to be used with the individual types and sizes. All brackets are supplied in the same colour as the convectors and radiators. We will be happy to supply custom brackets for special mounting solutions.

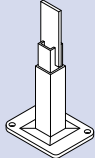
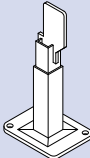
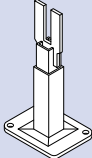
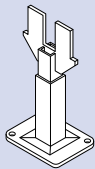
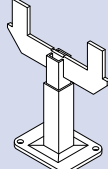
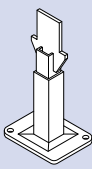
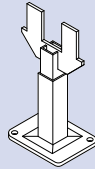
Wall

V10 	V11 	V12 
V20 	V21 	V22 
V30 	V31 	V32 
V40 	V41 	V42 
V50 	V51 	V52 
V60 	V61 	V62 

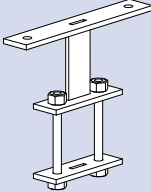
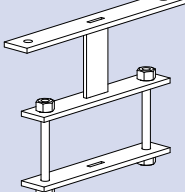
Wall

V63	V70	V71
		
V72		
		

Floor

G10	G20	G30
		
G40	G50	G60
		
G70		
		


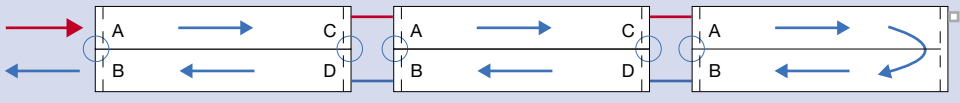
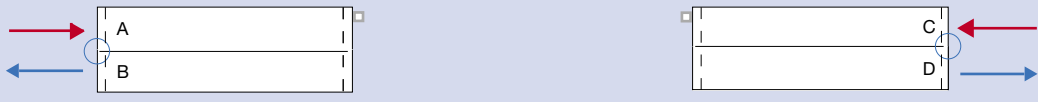
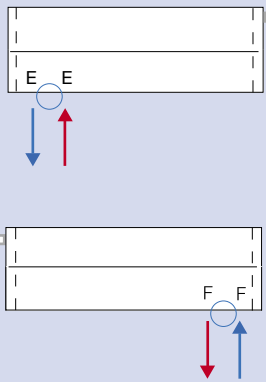
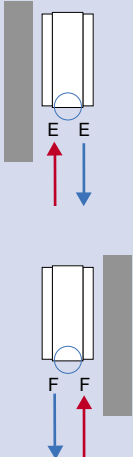
Under Bench

B20	B30	
		

Connection principles

SUGGESTIONS FOR SERIES CONNECTIONS AND SPECIAL TAPPING SOLUTIONS.

The table indicates examples of different solutions.

<p>CONVECTORS LINKED IN SERIES WITH FLOW AT ONE END AND RETURN AT THE OTHER.</p>	 <p>It is recommended to use two pipes for the series connections. Recommended maximum total length: 18 metres</p>	
<p>CONVECTORS LINKED IN SERIES WITH 'REVERSED RETURN FLOW', WITH THE FLOW AND RETURN AT THE SAME END.</p>	 <p>Recommended maximum total length: 12 metres.</p>	
<p>CONVECTORS WITH TAPPINGS AT THE SAME END.</p>		
<p>CONVECTORS WITH TAPPINGS AT THE BOTTOM AT SAME END:</p>	<p>TYPE 10</p> 	<p>TYPE 20 AND 30</p> 

○ = Fully-welded internal baffle plates

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