

MORE THAN
A RADIATOR:
**THE SIGNATURE
OF STYLE**



**VERTICAL
RADIATORS**





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About Warmhaus

Warmhaus is a Beyçelik Holding subsidiary that has been manufacturing boilers, high-capacity wall-mounted condensing boilers, water heaters, and steel panel radiators thanks to its experience in the HVAC industry since 1996.

Heating one in every seven homes in Turkey and being one of the largest panel radiator manufacturers in the world, Warmhaus products heat homes and buildings in more than 50 countries.

It offers 24/7 service with more than 200 service points, digital applications and Customer Satisfaction Center across Türkiye.

Global Heating Brand

The products developed by Warmhaus R&D Center are sent all over the world under the Warmhaus brand

Warmhaus UK
3000 sqm warehouse
and sales office

- | | | | |
|----------------|-----------------|------------|--------------|
| Germany | France | Kyrgyzstan | Portugal |
| Argentina | Georgia | Latvia | Romania |
| Albania | India | Lithuania | Russia |
| Azerbaijan | Netherlands | Hungary | Serbia |
| Belgium | Iraq | Macedonia | Chile |
| United Kingdom | Ireland | Moldova | Tunisia |
| Bosnia | Spain | Mongolia | Turkmenistan |
| Bulgaria | Italy | Egypt | Ukraine |
| Algeria | Kazakhstan | Uzbekistan | Jordan |
| China | Kosovo | Pakistan | Greece |
| Estonia | Northern Cyprus | Poland | |

Production



- More than 500 employees
- 3,600,000 linear meters of panel radiator production capacity
- Production in the new factory complex with an area of 41,000 m²
- 4 production lines using the latest technology (3 Schlatter and 1 Leas)
- High capacity paint shop with 3,550 m long power & free conveyor with 17 m/min speed
- Water-based premium paint and epoxy polyester powder coating with new nano-technology surface processes
- Both marking and packaging on the same line with robot automated packaging lines
- Fast delivery with shelved stock areas with barcode addressing system
- Products approved by local and international authorities
- All panel radiators are manufactured to withstand 13 bar pressure



Warmhaus Vertical Radiators,

offer both a functional and aesthetic solution in your living spaces. They provide maximum efficiency, especially in tight spaces, as they occupy minimum space by using only the height of the wall.

In addition to standard panel design, models with straight, horizontal, or vertical lines and different color options cater to every taste.

It is not only a source of heat but also a decorative complement.

They offer powerful performance with their high heat output capacities and give an elegant look to spaces with their simple and elegant stance.

Performance without compromising aesthetics



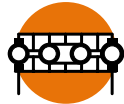
Wide range of color and design alternatives



Vertical layout option for optimal use in small spaces



Stylish design customizable with straight or horizontal lines



Flexible connection alternatives
Side or center compact connection

Go beyond heating with Warmhaus Vertical Radiators; discover solutions that reflect your style and add value to your space.







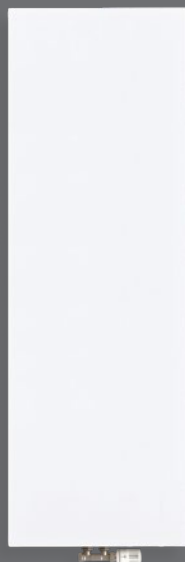
THE MOST ELEGANT SOLUTION FOR TIGHT SPACES

Warmhaus Vertical Radiators save floor space by using only the height of the wall, bringing a modern breath of fresh air into tight spaces.

They adapt to different decoration styles with plain, striped and striped surface alternatives.

While adding a personal touch to your space with their color options, their stylish form promise more than just a radiator.

Plain



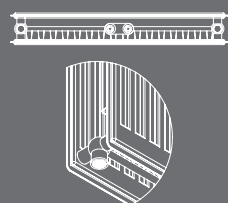
Striped



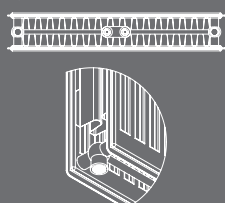
Standard



Type 21



Type 22



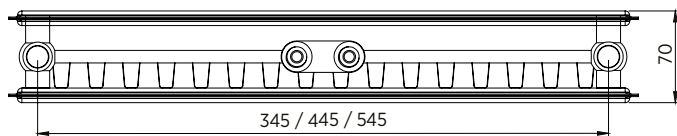
Width (mm)	70	105
Height (mm)	1200-1400-1600-1800-2000-2200-2400	1200-1400-1600-1800-2000-2200-2400
Length (mm)	400-500-600	400-500-600

Their compact design bring both function and style to your living space.

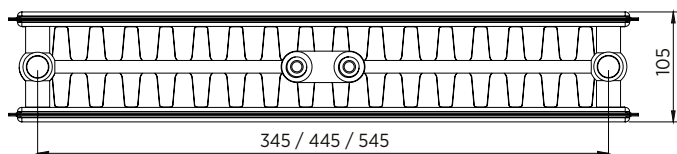
- Extensive range of color and design alternatives
- Possibility of individualization with straight and horizontal lines
- Vertical use to save space in living areas

Test Pressure	bar	Max. Working Pressure	bar	Max. Water Temperature	°C	Guarantee	Connection Diameter
13		10		110		10	4xDIN 6xDIN
							G ^{1/2}

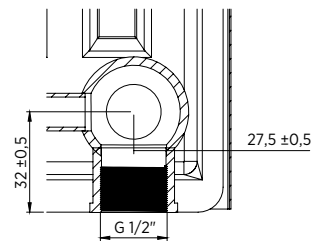
VERTICAL PANEL DIMENSIONS



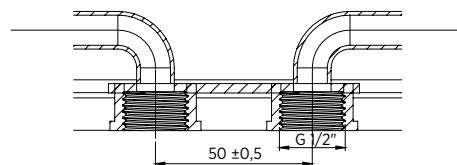
Type 21



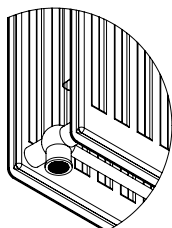
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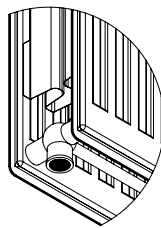
Detail B



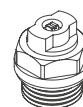
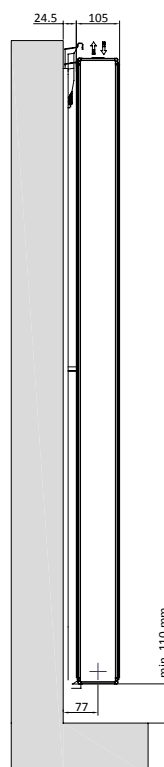
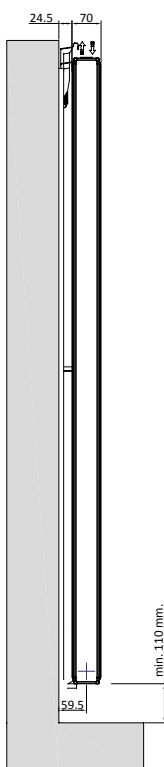
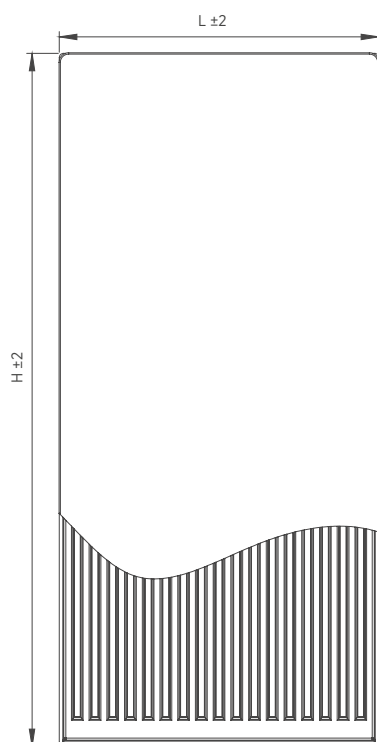
Detail B



Type 21



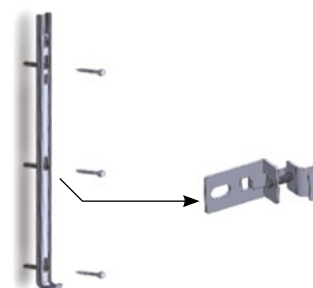
Type 22

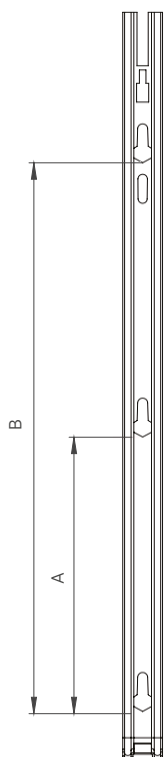


Purger
plug

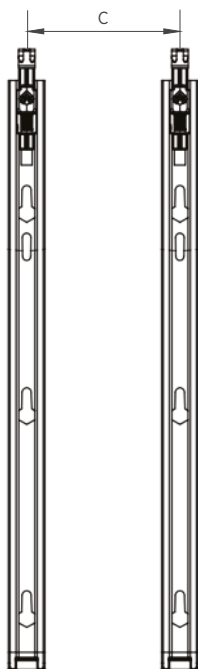


Radiator
plug





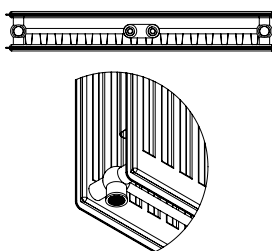
H (mm)	A±3 (mm)	B±3 (mm)
1200	507	1017
1300	557	1117
1400	607	1217
1500	657	1317
1600	707	1417
1700	757	1517
1800	807	1617
1900	857	1717
2000	907	1817
2100	957	1917
2200	1007	2017
2300	1057	2117
2400	1107	2217



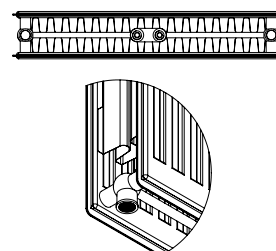
L (mm)	C±3 (mm)
400	300
500	400
600	500

TECHNICAL DATA

Type 21



Type 22



50Δt
(75/65/20°C)

			HEAT OUTPUT							
			TYPE 21		TYPE 21 FLAT		TYPE 22		TYPE 22 FLAT	
Height	Length	Sections	Watts	Btu/hr	Watts	Btu/hr	Watts	Btu/hr	Watts	Btu/hr
1600	400	12	1144	3903	1020	3480	1406	4797	1260	4299
	500	15	1429	4876	1275	4350	1758	5999	1575	5374
	600	18	1715	5852	1530	5221	2109	7196	1890	6449
1800	400	12	1273	4344	1096	3740	1560	5323	1383	4719
	500	15	1590	5425	1370	4675	1950	6654	1729	5900
	600	18	1909	6514	1643	5606	2340	7984	2074	7077
2000	400	12	1403	4787	1171	3996	1706	5821	1513	5163
	500	15	1752	5978	1464	4995	2133	7278	1891	6452
	600	18	2103	7176	1756	5992	2559	8732	2269	7742



Management Office

TOSB Otomotiv (OSB) Mahallesi 1. Cadde No:5
41420, Çayırova / Kocaeli / Türkiye

T 0216 300 16 50

Factory

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TEKNOSAB 1. Cadde No: 12
16700, Karacabey / Bursa / Türkiye

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