



by **warma** 

Engineering, Technology & Art



**Steel
Radiator
Catalogue
2024**

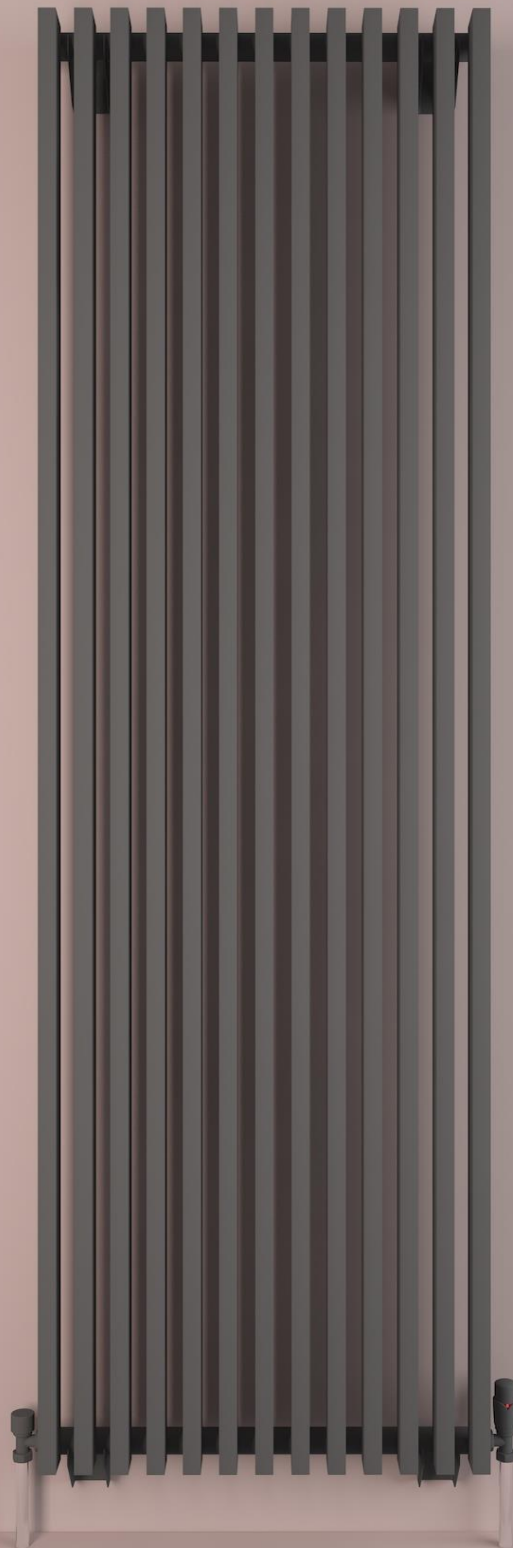
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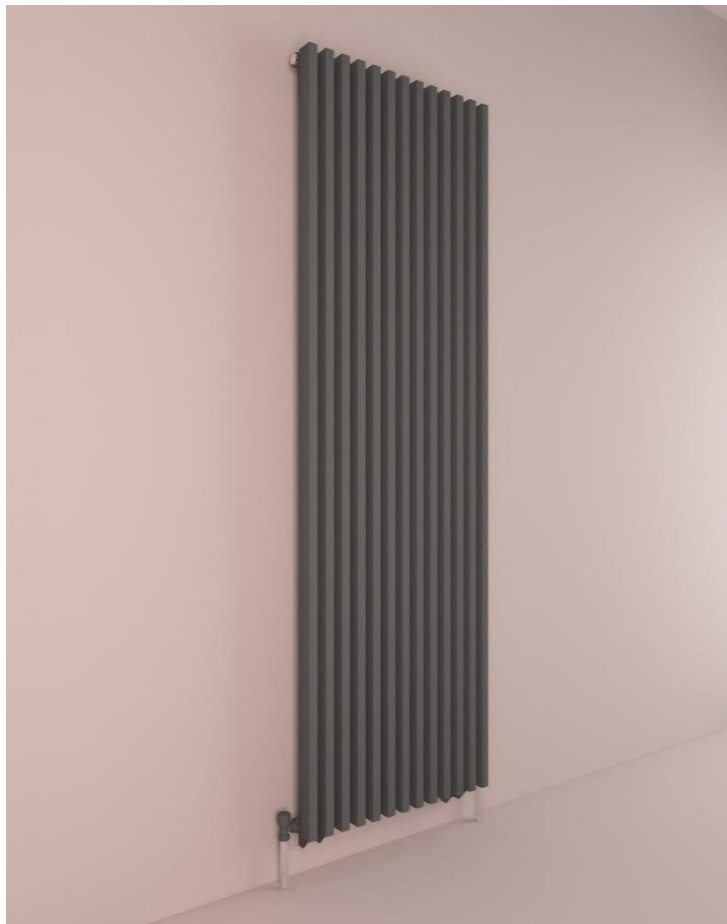


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**Diva
Steel
Radiator**

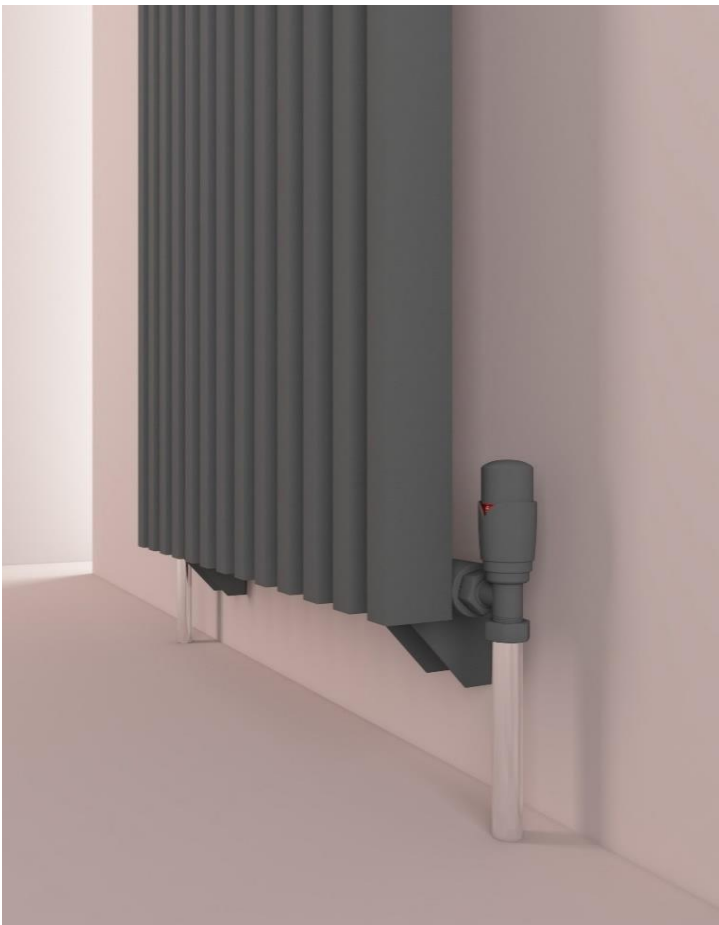
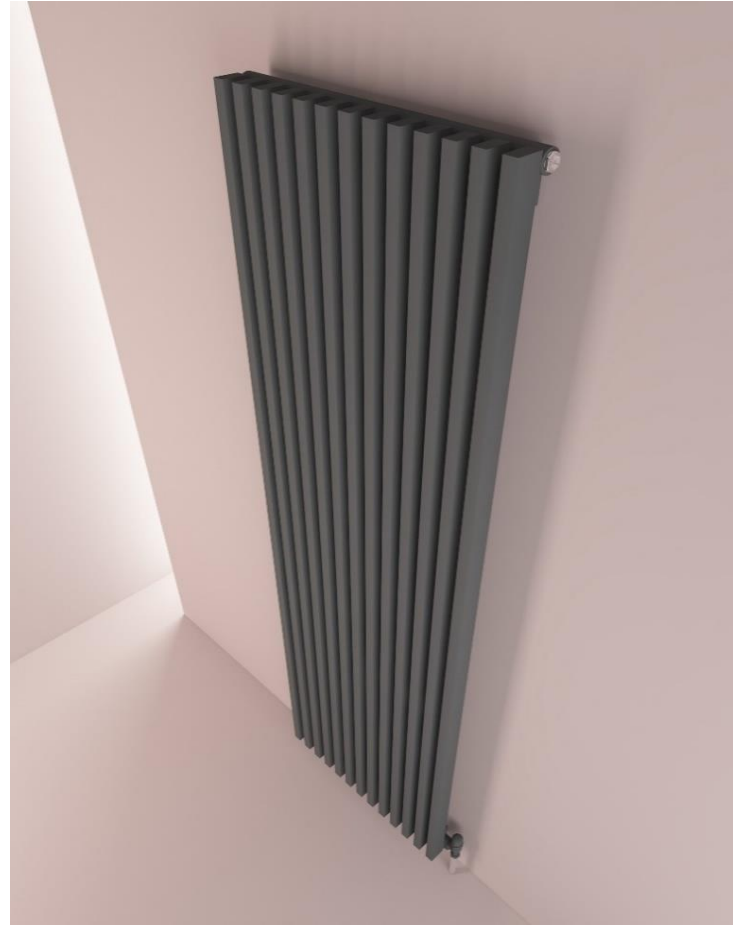
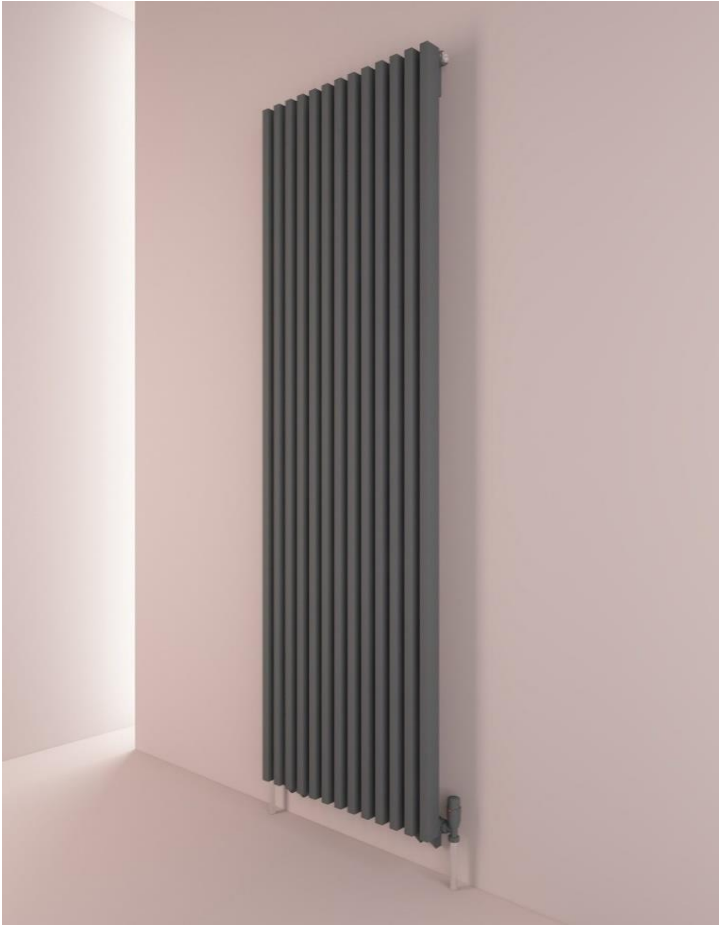




Diva Steel Radiator characterized by vertical rectangular elements.

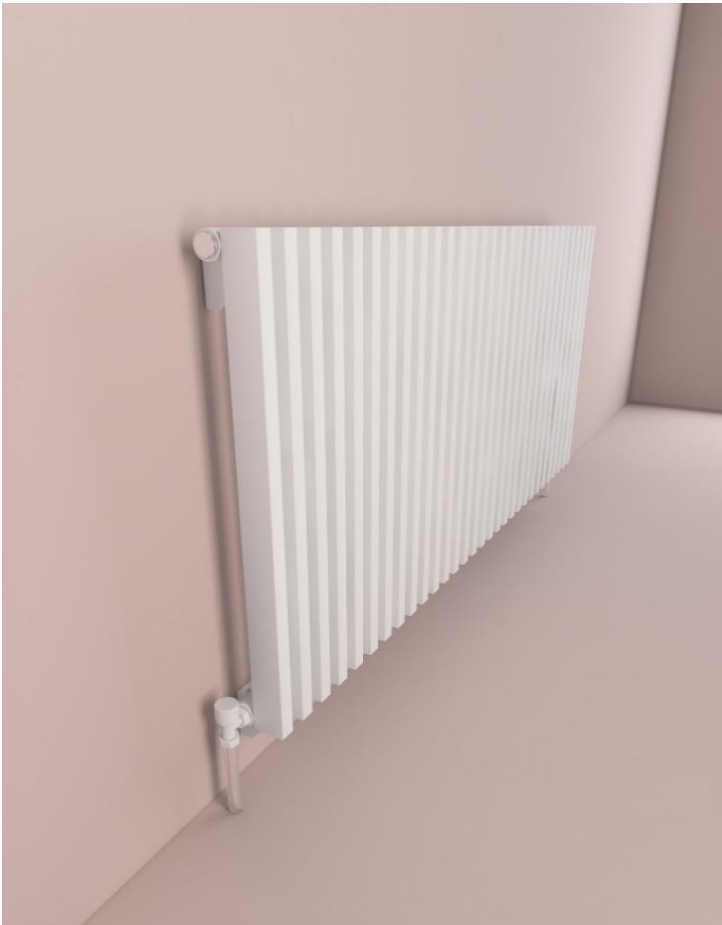
Diva radiator with stunning clean lines that complement any room.

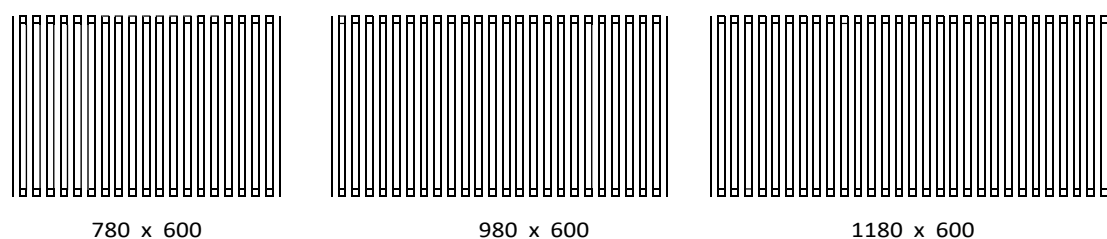
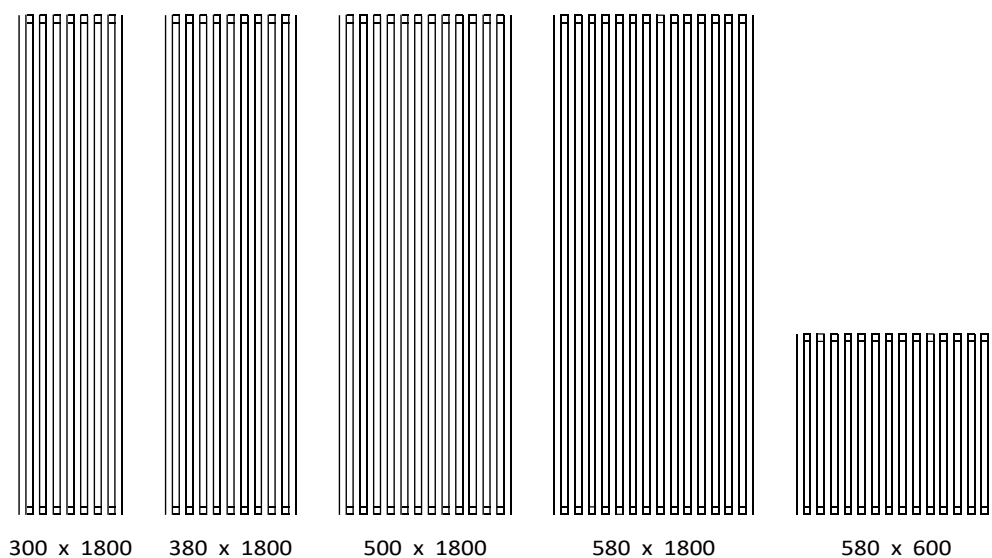
Available in 2 heights satisfy every practical need.



Construction Features

- * Horizontal round collectors in sheet steel
Diameter 32 mm.
- * Vertical rectangular elements in sheet steel 40 x 20 mm.
- * Collector threading 1/2" Gas right
- * Comes with pre-fitted flow diverter.
- * Can only be installed vertically.
- * Maximum working pressure 4 bar.
- * Maximum working temperature 95 °C
- * Connection center from wall is 50 mm.
- * Depth is 106 mm.
- * Not suitable for installation with a single pipe system.

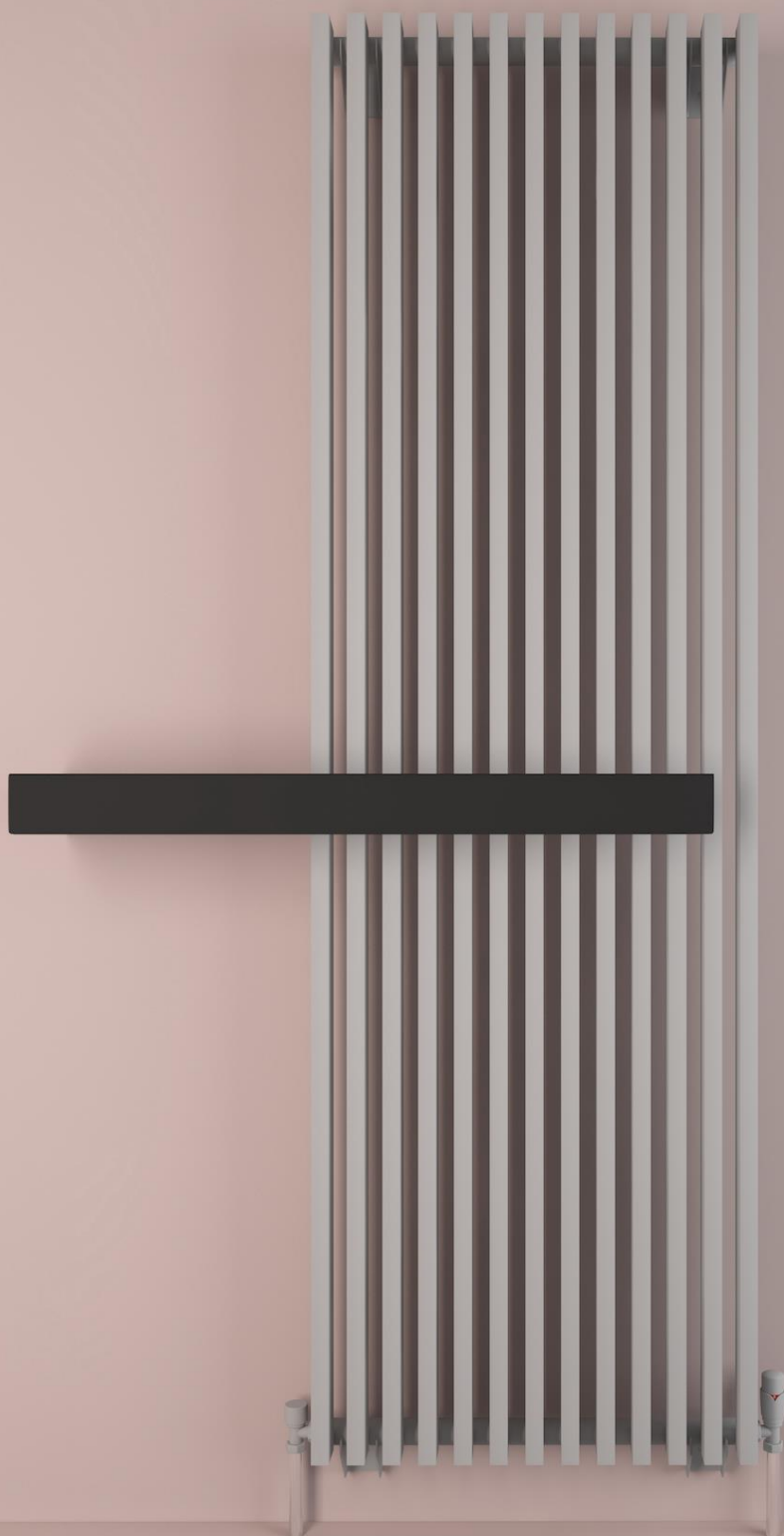




Diva Steel Radiator

	Width	Height	Vertical Element Quantity	Inlet Outlet Distance (Axis)	Water Content (Lt)	Heat Output $\Delta t 70$ (watts)	Heat Output $\Delta t 60$ (watts)	Heat Output $\Delta t 50$ (watts)	Heat Output $\Delta t 30$ (watts)	Heat Output $\Delta t 25$ (watts)	Km	Exponent (n)
	(mm)	(mm)	(pcs)	(mm)	(Lt)	(watts)	(watts)	(watts)	(watts)	(watts)		
POWDER COATED	300	1800	8	300	10,2	1.281	1.045	822	419	329	4,6973	1,3201
	380	1800	10	380	12,8	1.667	1.360	1.069	545	428	6,1108	1,3201
	460	1800	12	460	15,4	2.061	1.682	1.322	674	529	7,5586	1,3201
	500	1800	13	500	16,7	2.262	1.846	1.451	739	581	8,2935	1,3201
	540	1800	14	540	18,0	2.464	2.011	1.581	805	633	9,0352	1,3201
	580	1800	15	580	19,2	2.668	2.177	1.711	872	685	9,7830	1,3201
	620	1800	16	620	20,4	2.874	2.345	1.843	939	738	10,5368	1,3201
	580	600	15	580	6,3	772	636	505	265	211	3,6312	1,2615
	780	600	20	780	9,2	1.074	884	702	369	293	5,0494	1,2615
	980	600	25	980	11,6	1.384	1.140	905	475	378	6,5097	1,2615
	1180	600	30	1180	13,6	1.702	1.401	1.113	584	464	8,0042	1,2615

Diva Bathroom Radiator

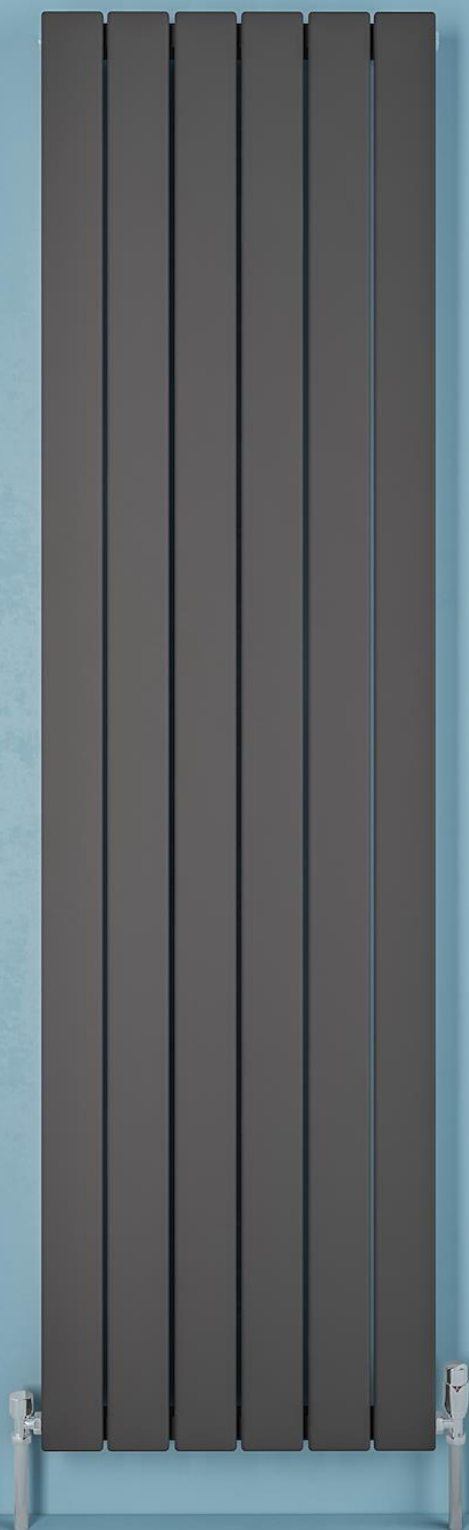




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**TEOS
Steel
Radiator**



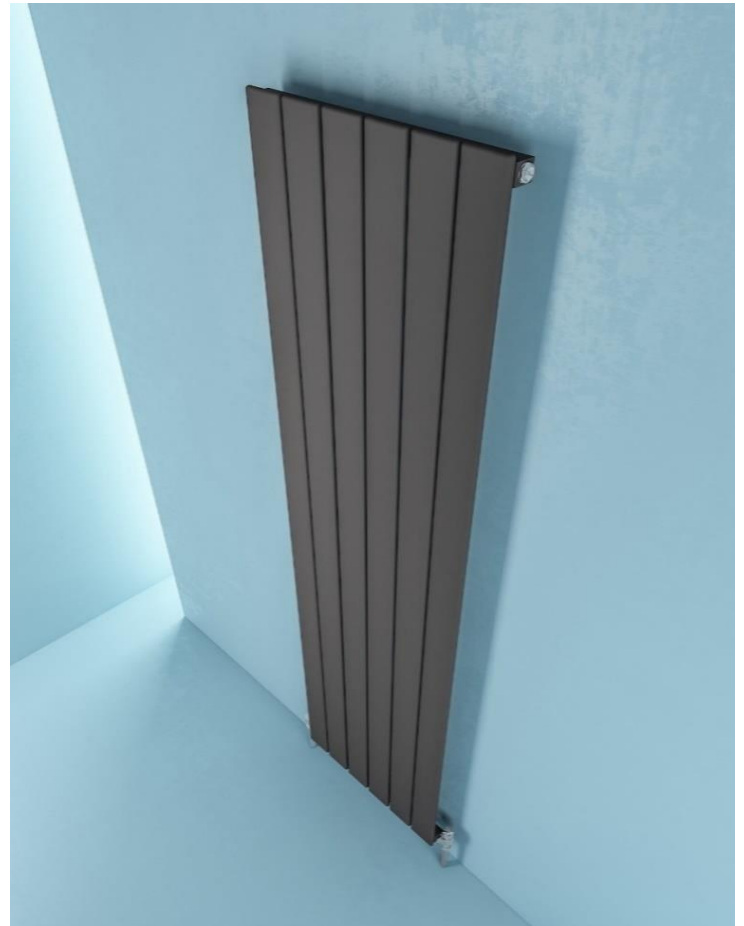
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Flat and broad vertical profiles meet the perfect craftsmanship.

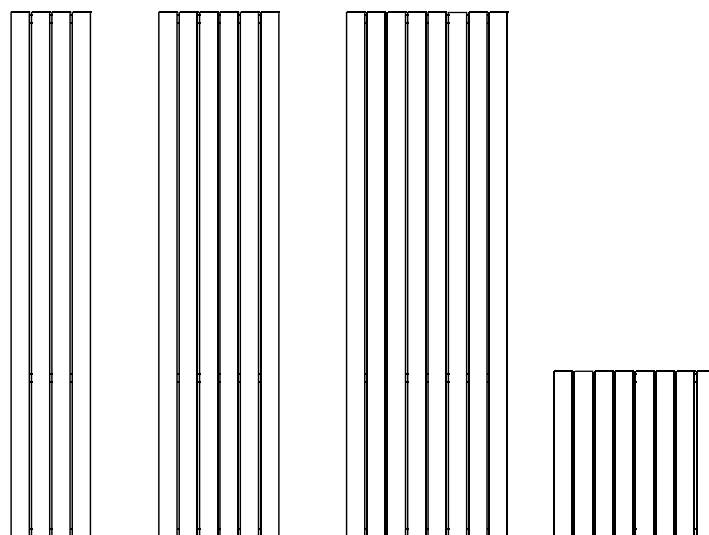
Teos Radiator enriches the room environments not only with a heating element but also with a decorative object.

Available in 2 heights.



Construction Features

- * Horizontal square collectors in sheet steel 30 x 30 mm.
- * Vertical flat elliptic elements in sheet steel 70 x 11 mm.
- * Collector threading 1/2" Gas right
- * Comes with pre-fitted flow diverter.
- * Can only be installed vertically.
- * Maximum working pressure 4 bar.
- * Maximum working temperature 95 °C
- * Connection center from wall is 54 mm.
- * Depth is 80 mm.
- * Not suitable for installation with a single pipe system.

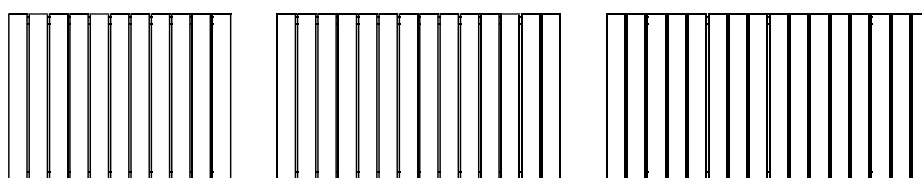


295 x 1800

445 x 1800

595 x 1800

595 x 600



820 x 600

1045 x 600

1195 x 600



Texture
Black
RAL 9005



Texture
Anthracite
7946



Texture
Anthracite
7766



Texture
Grey
RAL 7040



Texture
White
RAL 9016



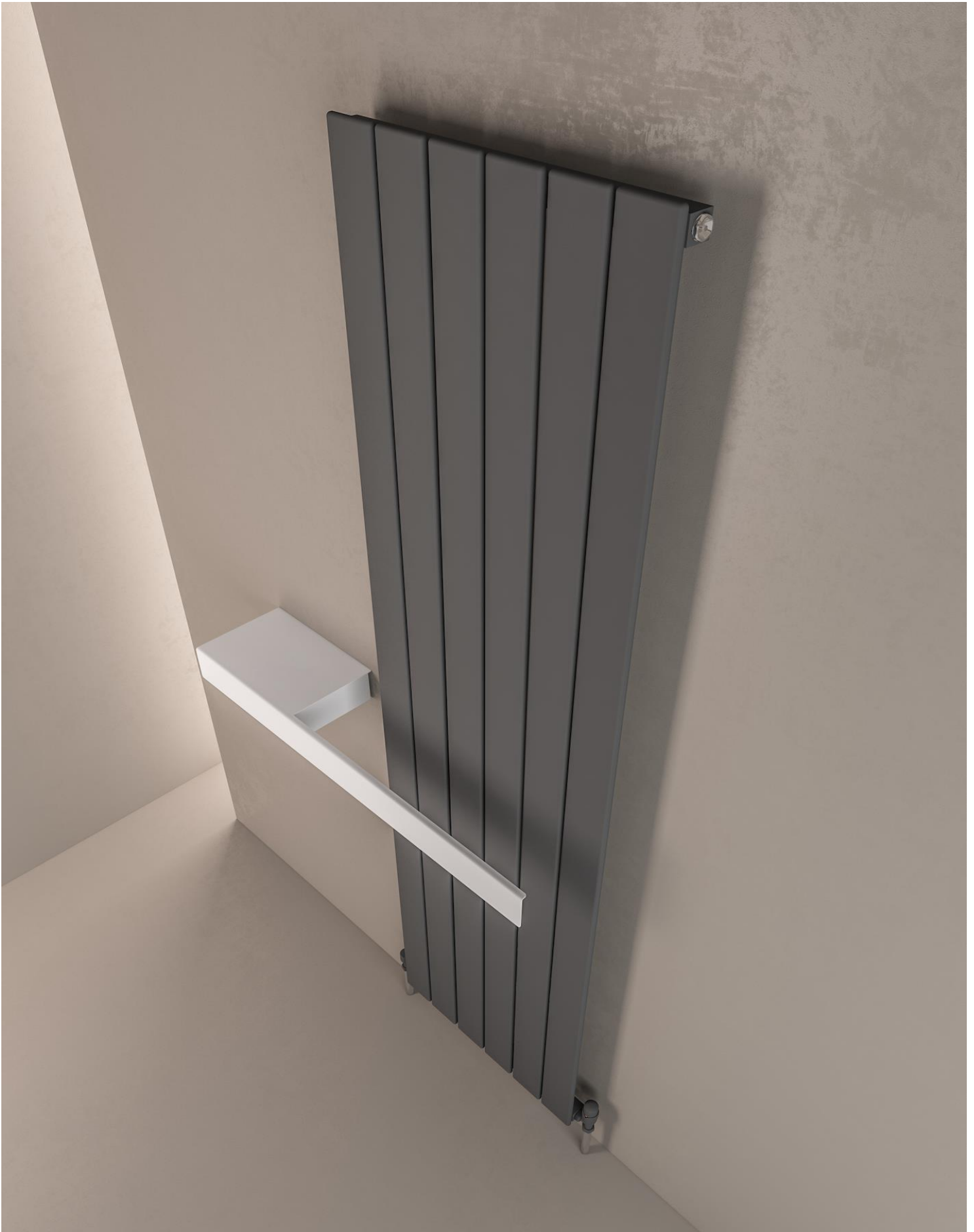
Texture
Cappuccino
1229

Teos Steel Radiator

	Width	Height	Vertical Element Quantity	Inlet Outlet Distance (Axis)	Water Content	Heat Output Δt 70	Heat Output Δt 60	Heat Output Δt 50	Heat Output Δt 30	Heat Output Δt 25	Km	Exponent (n)
	(mm)	(mm)	(pcs)	(mm)	(Lt)	(watts)	(watts)	(watts)	(watts)	(watts)		
POWDER COATED	295	1800	4	295	4,1	999	812	636	320	251	3,3152	1,3437
	445	1800	6	445	6,2	1.514	1.231	963	485	380	5,0231	1,3437
	595	1800	8	595	8,3	2.029	1.649	1.291	650	509	6,7302	1,3437
	595	600	8	595	3,3	742	602	470	235	183	2,3148	1,3581
	820	600	11	820	4,6	1.024	831	648	324	253	3,1949	1,3581
	1045	600	14	1045	5,9	1.306	1.059	827	413	323	4,0750	1,3581
	1195	600	16	1195	6,7	1.494	1.212	946	473	369	4,6615	1,3581

TEOS
Bathroom
Radiator

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Engineering, Technology & Art

**TEOS
Horizontal
Steel
Radiator**

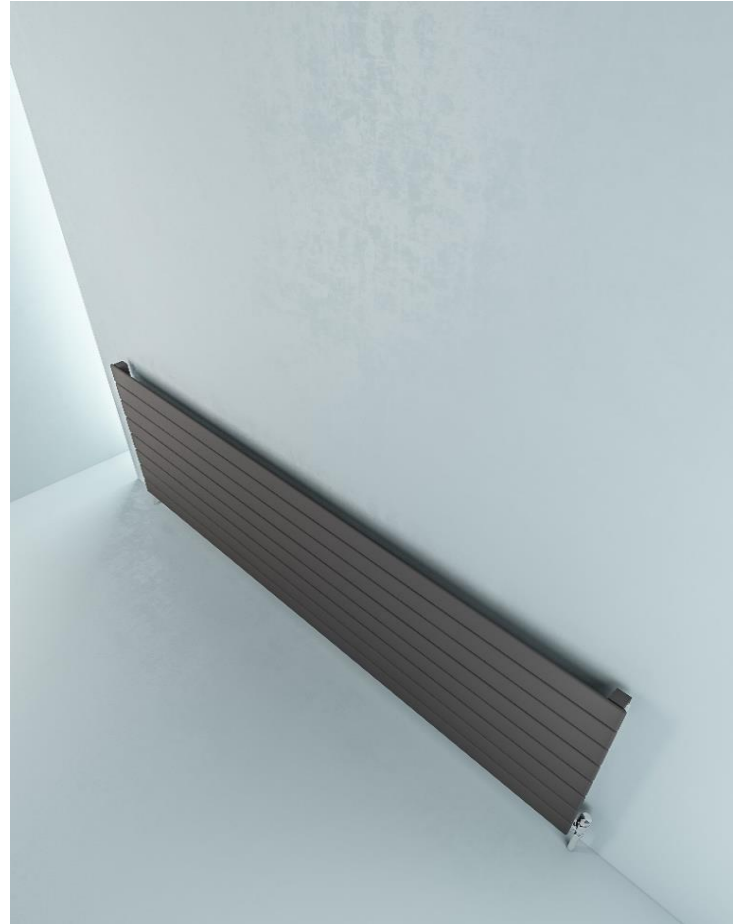


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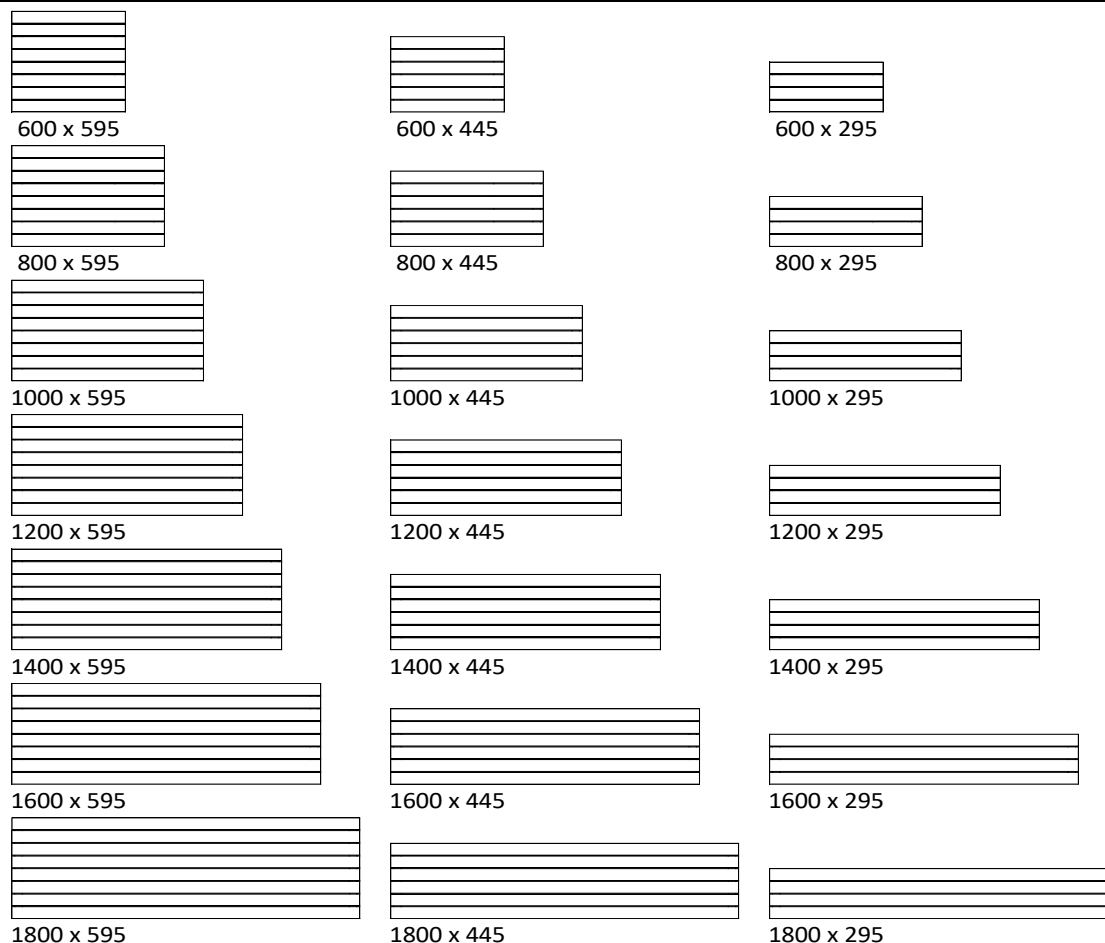
It is a timeless profile that integrates into any space and decor, whether classic or modern, leaving room for creativity. This is thanks to the availability of infinite solutions and smooth or textured materials.

Available in 3 heights and 7 widths, satisfy every practical need.



Construction Features

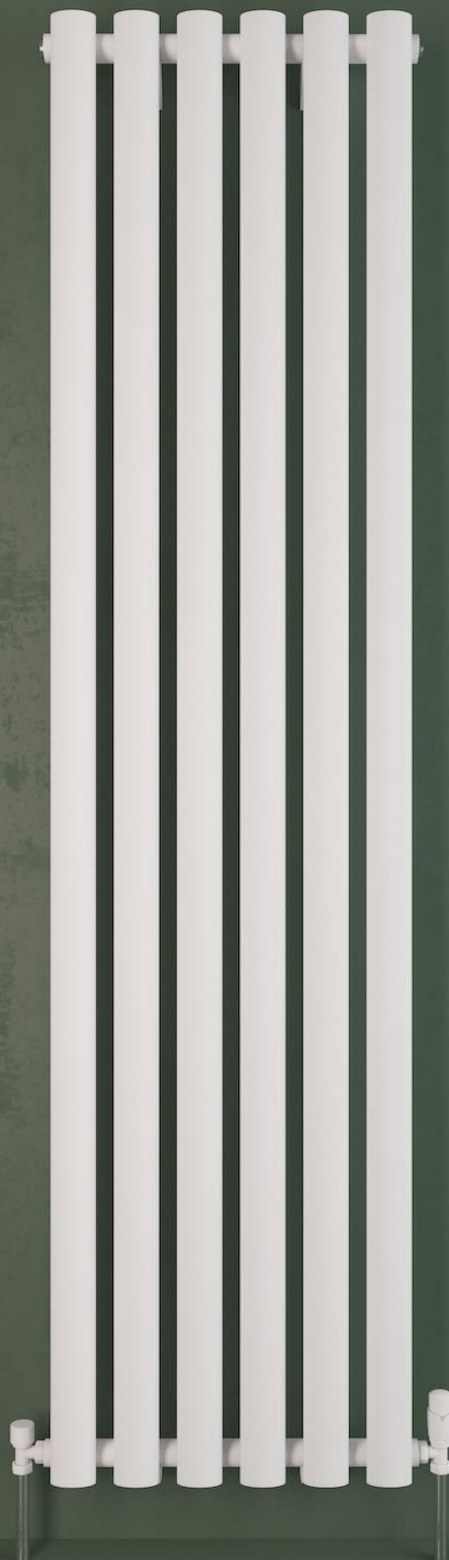
- * Horizontal flat elliptic elements in sheet steel 70 x 11 mm.
- * Vertical square collectors in sheet steel 30 x 30 mm.
- * Collector threading 1/2" Gas right
- * Can only be installed horizontally.
- * Maximum working pressure 4 bar.
- * Maximum working temperature 95 °C
- * Connection center from wall is 54 mm.
- * Depth is 80 mm.
- * Not suitable for installation with a single pipe system.



Teos Horizontal Steel Radiator

	Width	Height	Horizontal Inlet Outlet	Water	Heat	Heat	Heat	Heat	Heat	Km	Exponent	
			Element	Distance	Content	Output	Output	Output	Output	Output	(n)	
	(mm)	(mm)	Quantity (pcs)	(mm)	(Lt)	Δt 70 (watts)	Δt 60 (watts)	Δt 50 (watts)	Δt 30 (watts)	Δt 25 (watts)		
POWDER COATED	600	595	8	600	2,8	716	582	456	229	180	2,3754	1,3437
	800	595	8	800	3,7	941	765	599	301	236	3,1201	1,3437
	1000	595	8	1000	4,6	1.162	945	740	372	291	3,8551	1,3437
	1200	595	8	1200	5,5	1.382	1.123	879	442	346	4,5825	1,3437
	1400	595	8	1400	6,5	1.599	1.300	1.017	512	401	5,3035	1,3437
	1600	595	8	1600	7,4	1.815	1.475	1.155	581	455	6,0191	1,3437
	1800	595	8	1800	8,3	2.029	1.649	1.291	650	509	6,7302	1,3437
	600	445	6	600	2,1	534	434	340	171	134	1,7729	1,3437
	800	445	6	800	2,8	702	571	447	225	176	2,3287	1,3437
	1000	445	6	1000	3,4	867	705	552	278	217	2,8773	1,3437
	1200	445	6	1200	4,1	1.031	838	656	330	258	3,4202	1,3437
	1400	445	6	1400	4,8	1.193	970	759	382	299	3,9582	1,3437
	1600	445	6	1600	5,5	1.354	1.101	862	434	340	4,4924	1,3437
	1800	445	6	1800	6,2	1.514	1.231	964	485	380	5,0231	1,3437
	600	295	4	600	1,4	353	287	224	113	88	1,1701	1,3437
	800	295	4	800	1,8	463	377	295	148	116	1,5369	1,3437
	1000	295	4	1000	2,3	573	465	364	183	144	1,8990	1,3437
	1200	295	4	1200	2,7	681	553	433	218	171	2,2573	1,3437
1400	295	4	1400	3,2	788	640	501	252	197	2,6124	1,3437	
1600	295	4	1600	3,6	894	727	569	286	224	2,9649	1,3437	
1800	295	4	1800	4,1	999	812	636	320	251	3,3152	1,3437	

PALESA
Steel
Radiator





A classic that never goes out of fashion.

Palesa Radiator characterized by vertical and elliptical elements

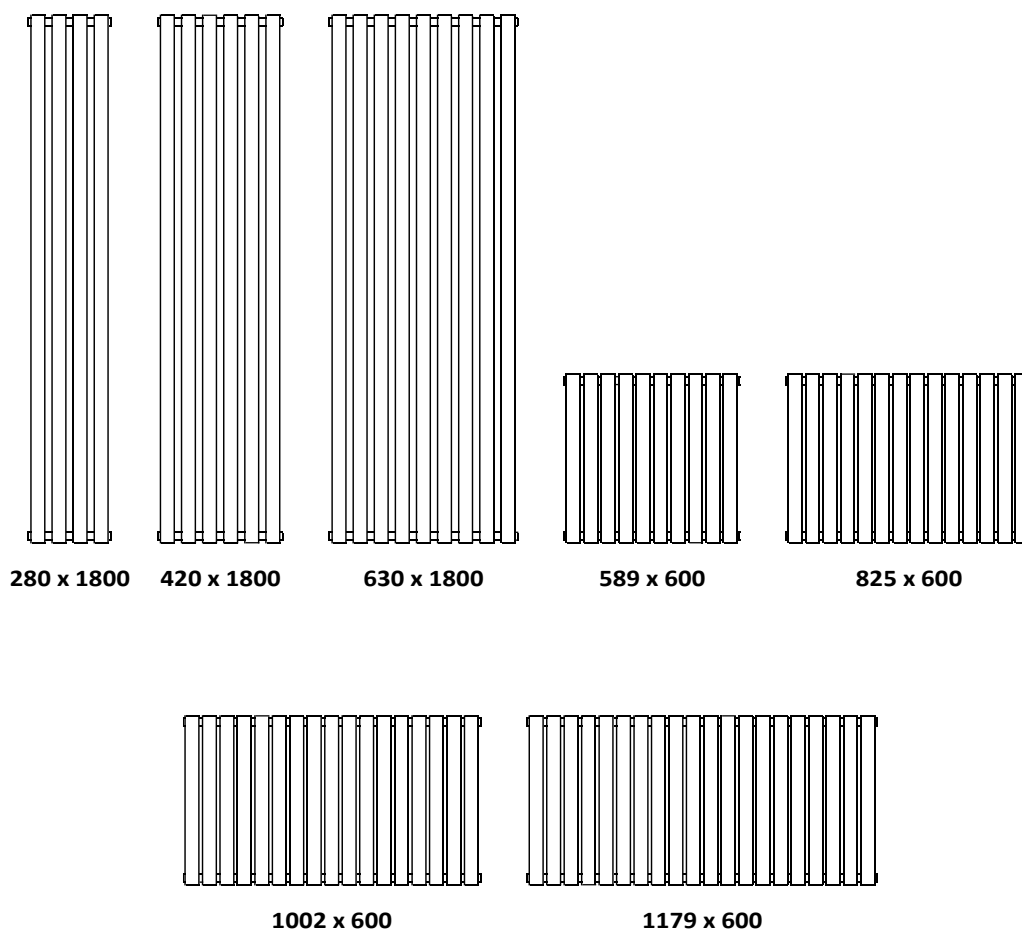
The elliptical shape of these elements will provide a stylish focus to any room.

Available in 2 heights.



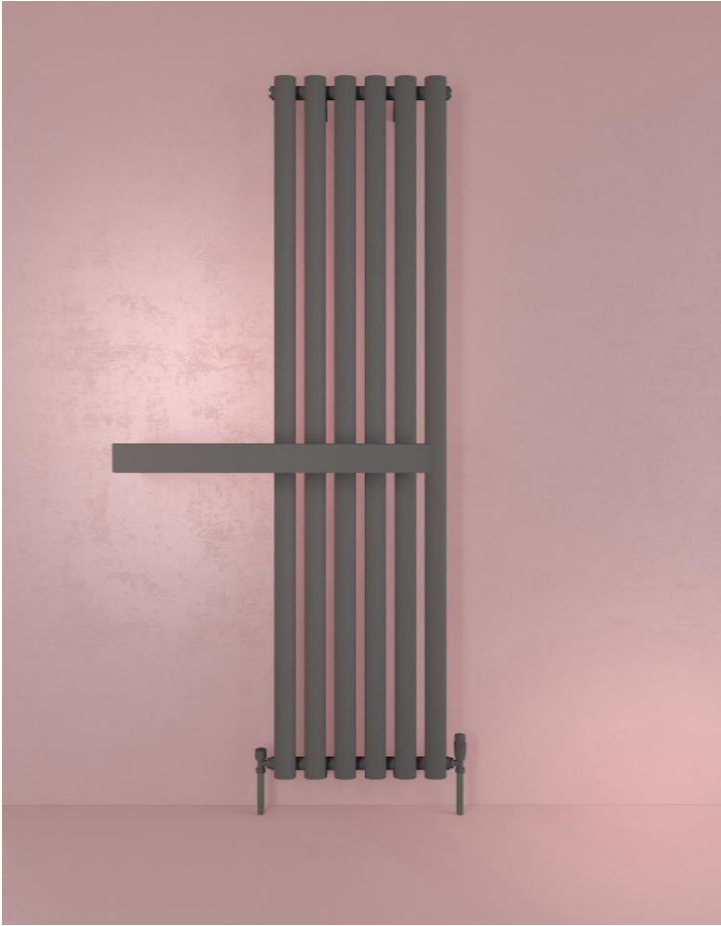
Construction Features

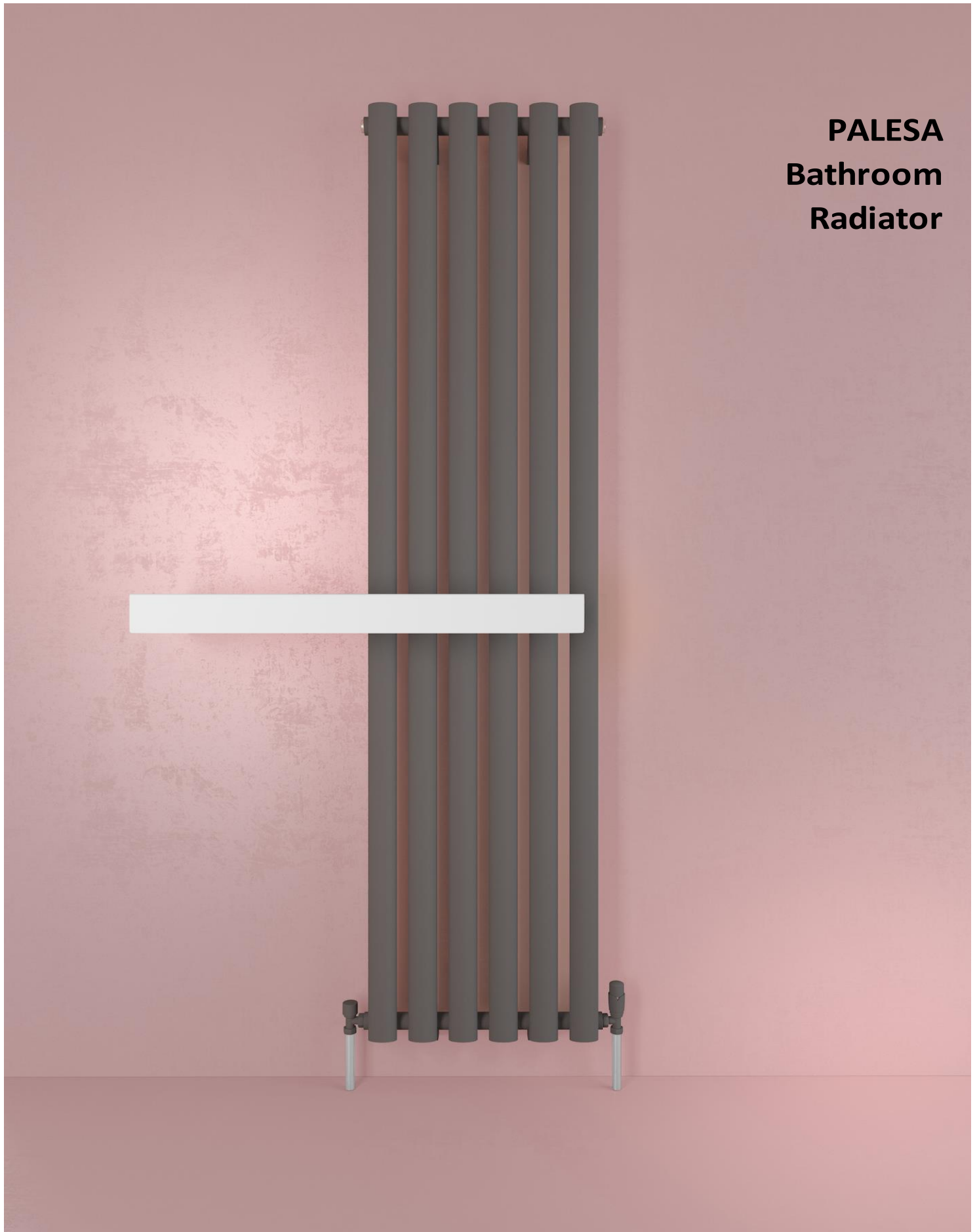
- * Horizontal round collectors in sheet steel
Diameter 32 mm.
- * Vertical elliptic elements in sheet steel
50 x 25 mm.
- * Collector threading 1/2" Gas right
- * Comes with pre-fitted flow diverter.
- * Can only be installed vertically.
- * Maximum working pressure 4 bar.
- * Maximum working temperature 95 °C
- * Connection center from wall is 50 mm.
- * Depth is 91 mm.
- * Not suitable for installation with a single pipe system.



Palesa Steel Radiator

	Width	Height	Vertical Element Quantity	Inlet Outlet Distance (Axis)	Water Content (Lt)	Heat Output Δt 70 (watts)	Heat Output Δt 60 (watts)	Heat Output Δt 50 (watts)	Heat Output Δt 30 (watts)	Heat Output Δt 25 (watts)	Km	Exponent (n)
	(mm)	(mm)	(pcs)	(mm)	(Lt)	(watts)	(watts)	(watts)	(watts)	(watts)		
CHROME	280	1800	4	280	6,3	388	320	254	133	106	1,8133	1,2632
	420	1800	6	420	9,6	648	533	424	222	176	3,0259	1,2632
	630	1800	9	630	14,6	1.081	890	707	371	295	5,0495	1,2632
POWDER COATED	280	1800	4	280	6,3	714	583	459	235	185	2,7220	1,3108
	420	1800	6	420	9,6	1.134	926	729	373	294	4,3243	1,3108
	630	1800	9	630	14,6	1.801	1.471	1.159	593	467	6,8698	1,3108
	589	600	10	589	5,6	621	509	402	207	164	2,5227	1,2961
	825	600	14	825	8,1	906	742	586	302	239	3,6790	1,2961
	1002	600	17	1002	9,9	1.133	928	733	378	298	4,6014	1,2961
	1179	600	20	1179	11,1	1.372	1.124	887	458	361	5,5712	1,2961





PALESA
Bathroom
Radiator

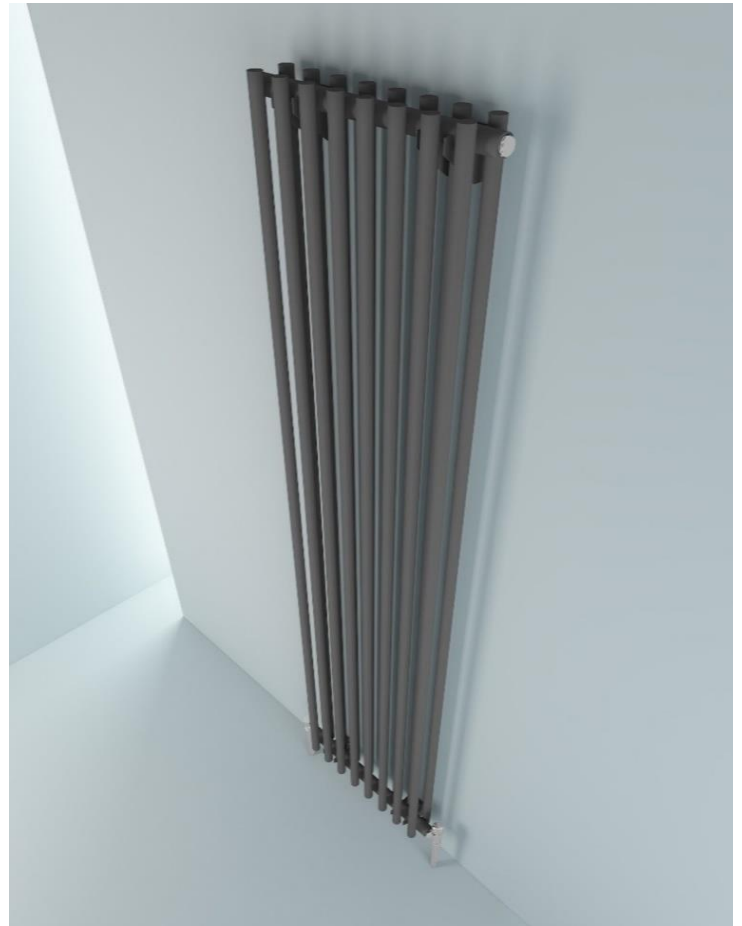
**FOCHA
Steel
Radiator**





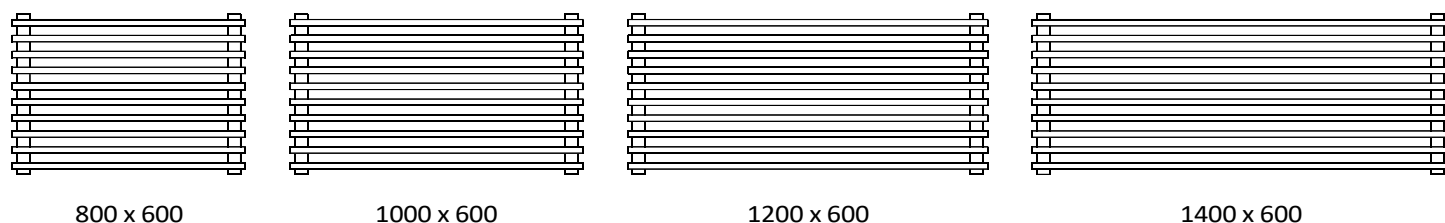
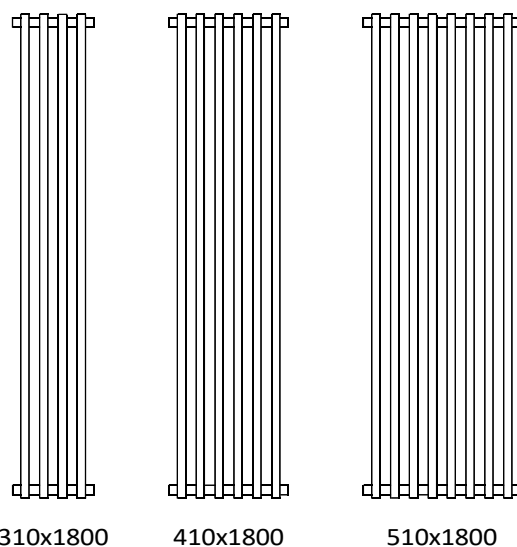
Focha Steel Radiator characterized by vertical and horizontal round elements.

Round elements meet the perfect engineering.



Construction Features

- * Steel Double Bar on Bar Construction with Diameter 22 mm and 32 mm.
- * Collector threading 1/2" Gas right
- * Comes with pre-fitted flow diverter.
- * Maximum working pressure 4 bar.
- * Maximum working temperature 95 °C
- * Connection center from wall is 50 mm.
- * Depth is 86 mm.
- * Not suitable for installation with a single pipe system.



Focha Steel Radiator

	Width	Height	Vertical Element Quantity	Inlet Outlet Distance (Axis)	Water Content	Heat Output $\Delta t 70$	Heat Output $\Delta t 60$	Heat Output $\Delta t 50$	Heat Output $\Delta t 30$	Heat Output $\Delta t 25$	Km	Exponent (n)
	(mm)	(mm)	(pcs)	(mm)	(Lt)	(watts)	(watts)	(watts)	(watts)	(watts)		
POWDER COATED	310	1800	12	310	6,9	1.155	947	749	388	307	4,8871	1,2864
	410	1800	16	410	9,1	1.586	1.301	1.029	533	422	6,7126	1,2864
	510	1800	20	510	11,4	2.032	1.667	1.319	683	541	8,5998	1,2864
	800	600	20	800	5,5	1.039	864	695	377	304	6,4882	1,1947
	1000	600	20	1000	6,7	1.326	1.103	887	482	388	8,2860	1,1947
	1200	600	20	1200	7,9	1.620	1.348	1.084	589	473	10,1189	1,1947
	1400	600	20	1400	9,2	1.918	1.596	1.283	697	561	11,9815	1,1947

**SALDA
Steel
Radiator**





Salda is the radiator with essential lines that combines beauty and comfort.

A minimalist cover has been added to the towel warmer with built-in middle connection option.

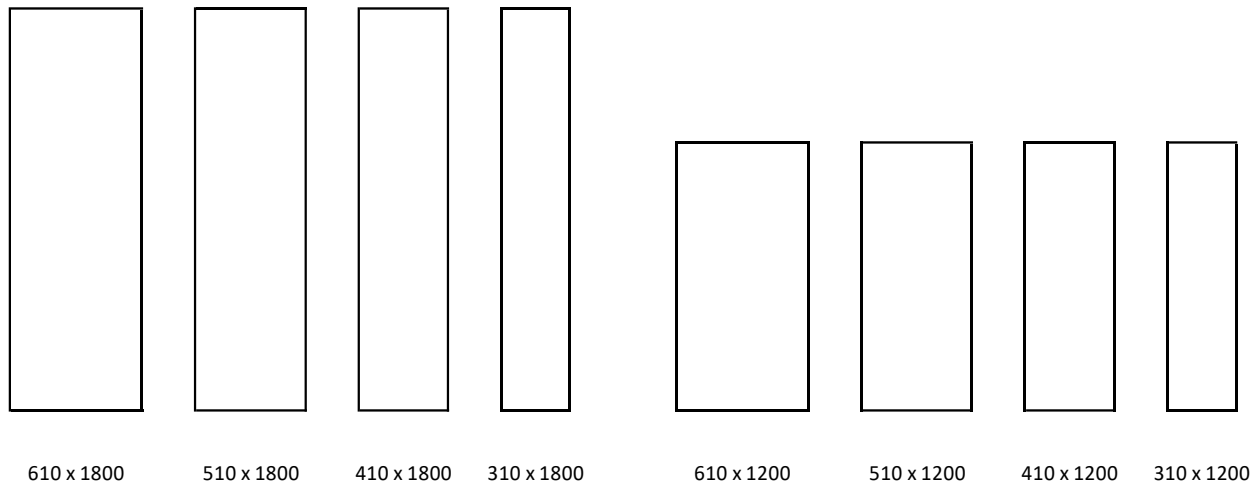
The stylish towel hangers will allow you to use this radiator in your bathroom as well as other rooms.

Available in 2 heights.



Construction Features

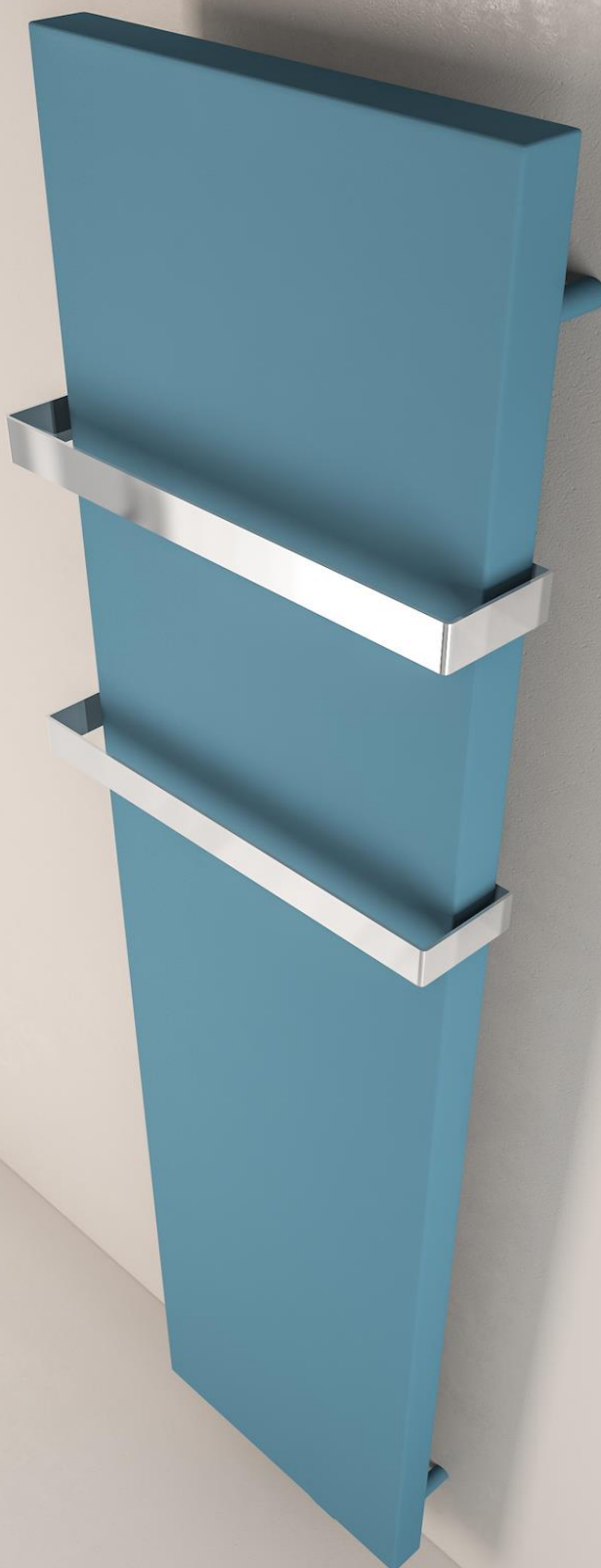
- * Towel warmer with the flat panel cover.
- * Metal wall brackets fitted at the back of the radiator.
- * Blanking plug and air vent are at the back of the radiator
- * Collector threading 1/2" Gas right
- * Comes with 50 mm middle connection in addition to standard side connection.
- * Can only be installed vertically.
- * 1800 mm height radiators comes with 3 pre-drilled towel hanger locations.
- * 1200 mm height radiators comes with 2 pre-drilled towel hanger locations.
- * Can be single or dual fuel, or all electric.
- * Maximum working pressure 10 bar.
- * Maximum working temperature 95 °C
- * Connection center from wall is 80 mm.
- * Depth is 100 mm.
- * Not suitable for installation with a single pipe system.

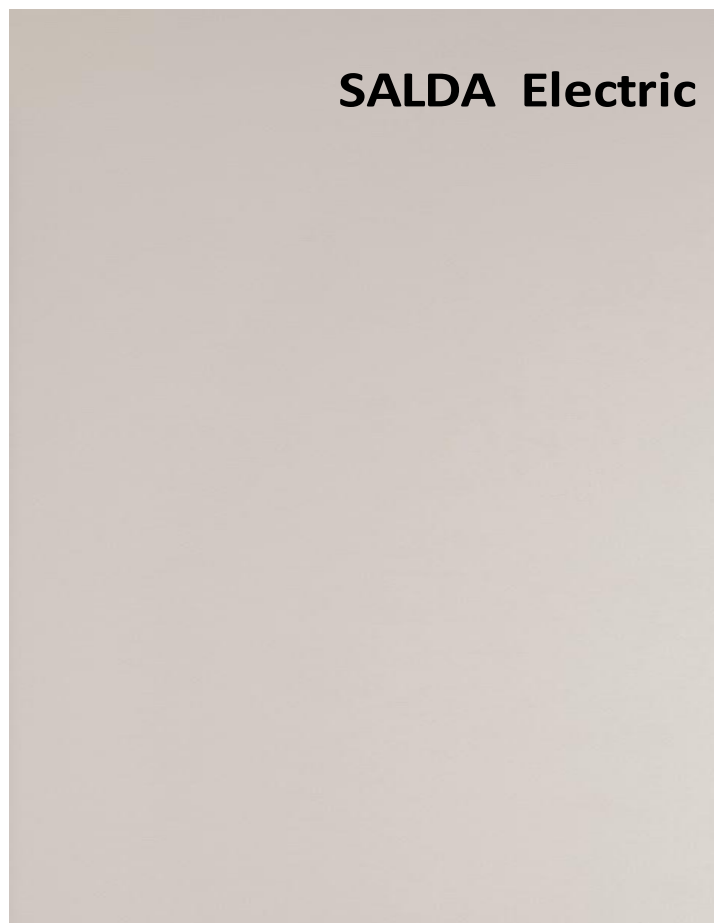


Salda Steel Radiator

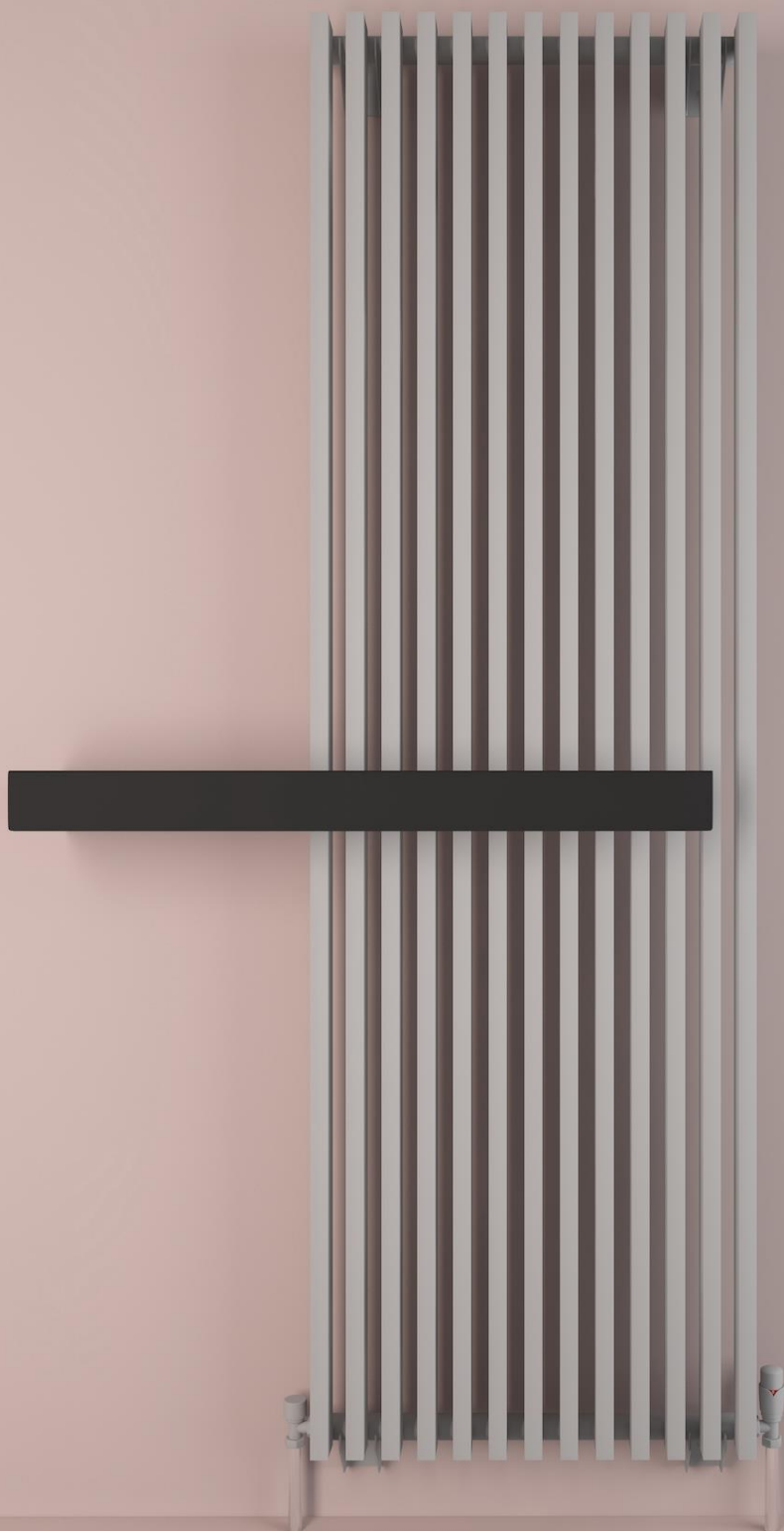
	Width	Height	Vertical Element Quantity	Inlet Outlet Distance (Axis)	Water Content (Lt)	Heat Output Δt 70 (watts)	Heat Output Δt 60 (watts)	Heat Output Δt 50 (watts)	Heat Output Δt 30 (watts)	Heat Output Δt 25 (watts)	Km	Exponent (n)
	(mm)	(mm)	(pcs)	(mm)	(Lt)	(watts)	(watts)	(watts)	(watts)	(watts)		
POWDER COATED	310	1800	1	255 / 50	5,6	755	619	490	254	201	3,1925	1,2865
	410	1800	1	355 / 50	6,6	954	782	619	321	254	4,0353	1,2865
	510	1800	1	455 / 50	7,5	1.144	938	742	385	304	4,8394	1,2865
	610	1800	1	555 / 50	8,4	1.327	1.088	861	446	353	5,6140	1,2865
	310	1200	1	255 / 50	4,2	484	398	317	167	132	2,3061	1,2583
	410	1200	1	355 / 50	4,8	611	503	400	210	167	2,9149	1,2583
	510	1200	1	455 / 50	5,5	733	604	480	252	201	3,4957	1,2583
	610	1200	1	555 / 50	6,1	851	700	557	293	233	4,0552	1,2583

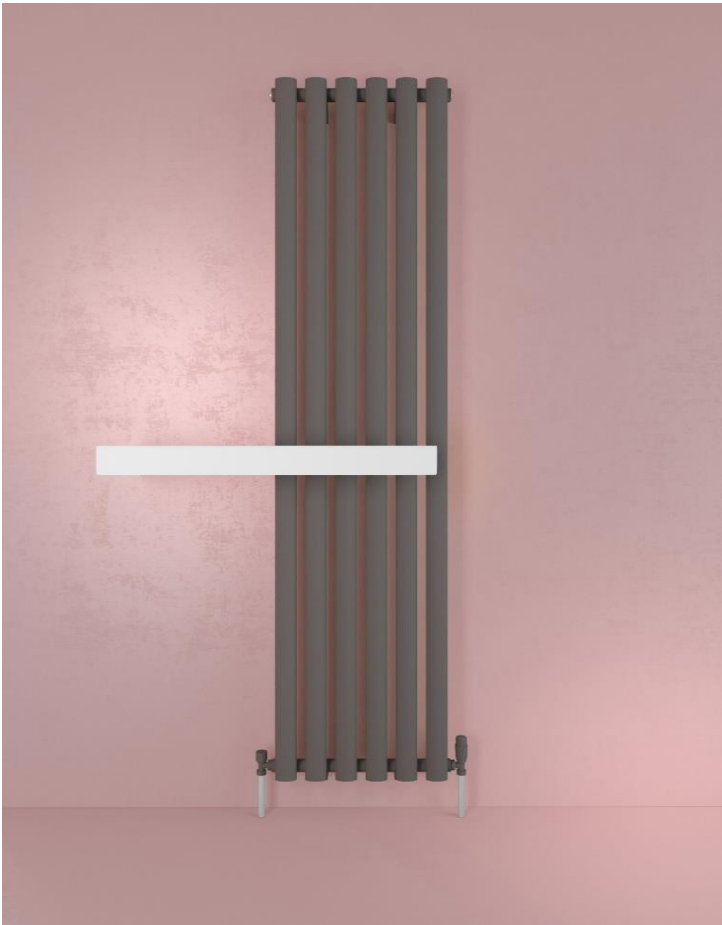
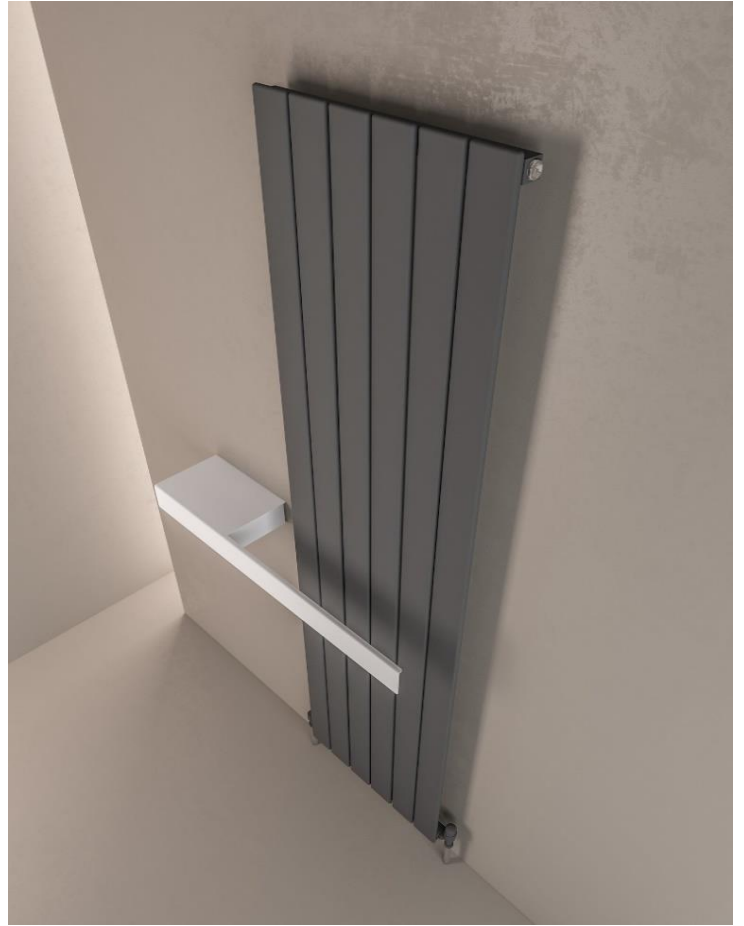
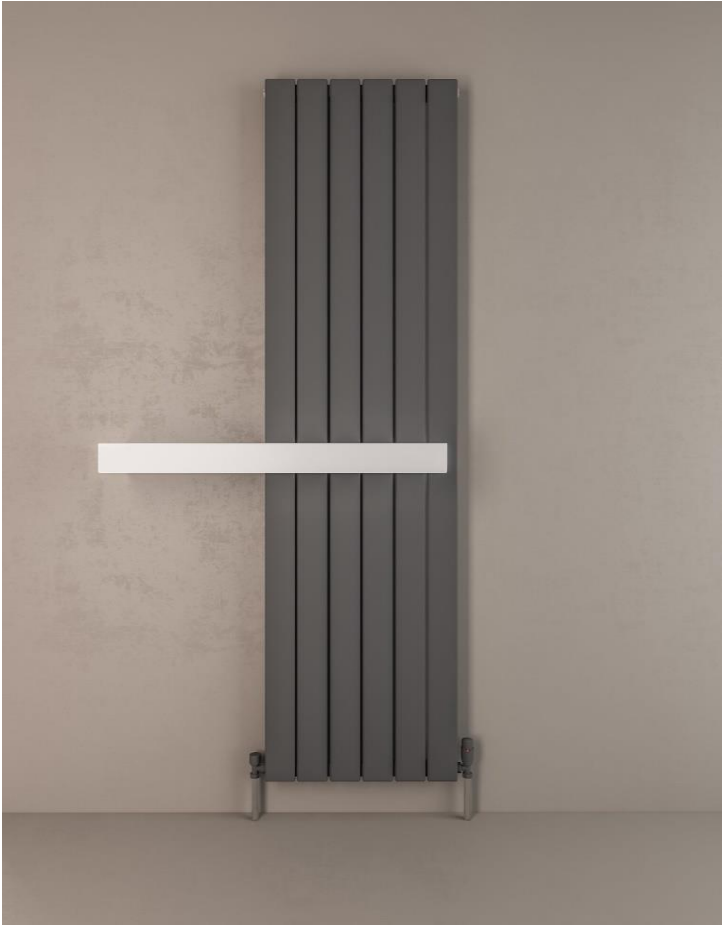
SALDA Bathroom Radiator





**Universal
Towel Hangers
for
Steel
Radiators**





- * The Universal towel hangers are compatible with the Diva, Teos and Palesa Steel Radiators
- * Finish : All colours
- * Material : Steel

Left Hand Universal Towel Hangers

When fitted on the wall and looking from front, shelf is on the left and towel can be hung from the right.

Right Hand Universal Towel Hangers

When fitted on the wall and looking from front, shelf is on the right and towel can be hung from the left.

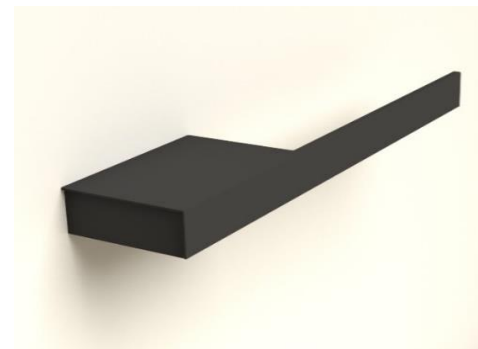
Step 1



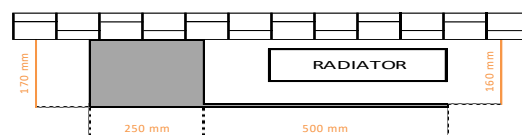
Step 2



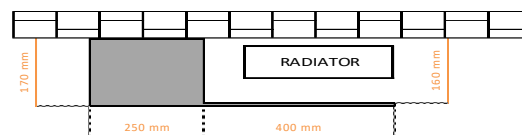
Step 3



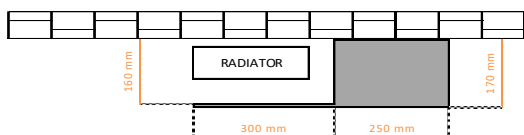
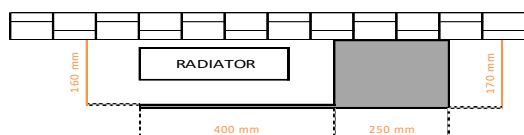
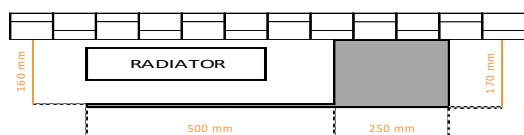
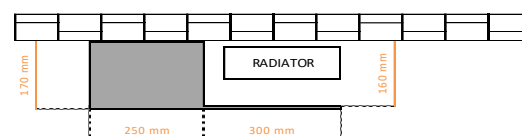
Left Hand Universal Towel Hanger Model 1



Left Hand Universal Towel Hanger Model 2



Left Hand Universal Towel Hanger Model 3



Right Hand Universal Towel Hanger Model 1

Right Hand Universal Towel Hanger Model 2

Right Hand Universal Towel Hanger Model 3

Electronics

EHT-LC Electronic Thermostat

Main Specifications

- Compact design
- Electronic thermostat for towel warmers filled with water, water and glycol mixture or diathermic oil.
- Operation according to room temperature.
- Delicate PID temperature control.
- Temperature setting range 17..30°C
- Numeric LCD display
- Weekly program
- Modes: ECO and BOOST
- Open window function
- Frost protection function
- Built-in temperature sensor

Technical Specifications

- | | |
|-----------------------------|------------------------|
| • Protection class | : IPx4 |
| • Temperature setting range | : 17....30°C |
| • Timer | : 1....5 hour |
| • Supply voltage | : 230V 50Hz |
| • Resistance power | : Max 2000W |
| • Fuse | : 6A |
| • Product colour | : Black, white, chrome |
| • Cable colours | : Black, white |

Standards LVD

- EN 60335-1
- EN 60335-2-43
- EN 60335-2-30
- EN 62233

Standards EMC

- EN 55014-1
- EN 55014-2
- EN 61000-3-2
- EN 61000-3-3

EHT-DC Electronic Thermostat

Main Specifications

- Compact design
- Electronic thermostat for towel warmers filled with water, water and glycol mixture or diathermic oil.
- Operation according to room temperature.
- Delicate PID temperature control.
- Temperature setting range 17..30°C
- Numeric LED display
- Off timer
- Frost protection function
- Built-in temperature sensor

Technical Specifications

- | | |
|-----------------------------|------------------------|
| • Protection class | : IPx4 |
| • Temperature setting range | : 17....30°C |
| • Timer | : 1....5 hour |
| • Supply voltage | : 230V 50Hz |
| • Resistance power | : Max 2000W |
| • Fuse | : 6A |
| • Product colour | : Black, white, chrome |
| • Cable colours | : Black, white |

Standards LVD

- EN 60335-1
- EN 60335-2-43
- EN 60335-2-30
- EN 62233

Standards EMC

- EN 55014-1
- EN 55014-2
- EN 61000-3-2
- EN 61000-3-3

EHT-AC Electronic Thermostat

Main Specifications

- Compact design
- Electronic thermostat for towel warmers filled with water, water and glycol mixture or diathermic oil.
- Operation according to room temperature.
- Delicate PID temperature control.
- Temperature setting range 17..30°C
- LED display
- Off timer
- Frost protection function
- Built-in temperature sensor

Technical Specifications

- | | |
|-----------------------------|------------------------|
| • Protection class | : IPx4 |
| • Temperature setting range | : 17....30°C |
| • Timer | : 1....5 hour |
| • Supply voltage | : 230V 50Hz |
| • Resistance power | : Max 2000W |
| • Fuse | : 6A |
| • Product colour | : Black, white, chrome |
| • Cable colours | : Black, white |

Standards LVD

- EN 60335-1
- EN 60335-2-43
- EN 60335-2-30
- EN 62233

Standards EMC

- EN 55014-1
- EN 55014-2
- EN 61000-3-2
- EN 61000-3-3



Export Company

DAKO

Dako Dış Ticaret Limited Şirketi

Ahmet Nazif Zorlu Bulvarı No : 6
4th. Zone of Industrial Zone
Organised Industrial Zone of Manisa / Türkiye

Production Company

Warma

Warma Isı Ürünleri Makine Sanayi ve Ticaret Limited Şirketi

Sanatkarlar Caddesi No : 29
Organised Industrial Zone of Muradiye
Manisa / Türkiye

Distributor Company

Russian Federation



TTK Turkish Technology Company

357502, Russian Federation, Stavropol region, Pyatigorsk,
Cherkess highway, 23



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