

DISCOVER VERTEX

Stelrad
Europe's favourite radiator

General information

VERTEX

Do you only have limited space to fit a radiator? The Vertex is the solution. This vertical radiator takes up a minimum of space and optimally heats the cold air next to large window section.

Product:	vertical panel radiator with a centre connection
Finishing:	side panels (only for types 11, 20, 21 and 22)
Also supplied:	wall brackets, ETA safety screws and plugs, screws, plugs, air vent, blind plugs and installation instructions
Connections:	4 × ½" female connection (centre connection included). Types 20, 21 and 22 can be reversed (front/back), in which case inlet and outlet are also reversed.
Lugs:	no lugs
Packaging:	Every radiator is sturdily packaged in high-quality cardboard and wrapped in plastic. The radiator's characteristics are shown on the label: type – height – length.
Warranty:	The customer's statutory conformity rights remain fully applicable in accordance with the applicable national law. In addition, Stelrad provides a commercial guarantee of 10 years in accordance with Stelrad's applicable guarantee terms and conditions. The current guarantee terms and conditions are available at: www.stelrad.eu/en-gb/guarantee-terms.
Paint process:	All radiators are degreased, phosphated, cataphoretically primed and powder-coated in Stelrad white 9016 as standard.
Colours:	Stelrad white 9016 + 35 different Stelrad colours and about 200 RAL-colours are possible
Heat cost allocator:	Suitable for heat cost allocators, both electronic and according to the evaporation principle (covered by the norm of EN834 & EN835).
Max. operating pressure:	10 bar (tested to 13 bar)
Max. operating temperature:	110 °C
Conformity:	in accordance with EN442
Quality assurance:	NF
Types:	10 | 11 | 20 | 21 | 22
Heights:	1.600 | 1.800 | 2.000 | 2.200 mm
Lengths:	300 | 400 | 500 | 600 | 700 mm
Depths:	47 | 47 | 77 | 77 | 100 mm



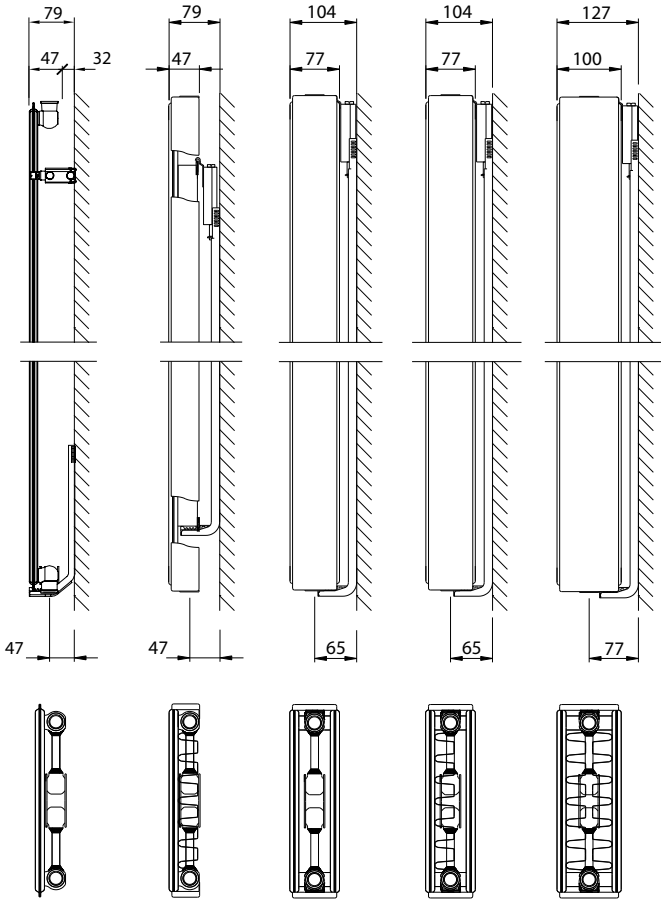
2006

Type overview

Calculation factor
per meter
at 75/65/20 °C
according to EN442

Characteristic equation:

$$\Phi = K_M \times \Delta T^n$$



Height		Type 10	Type 11	Type 20	Type 21	Type 22	Height
1600	W	1.677	2.157	2.592	3.030	3.600	1600
	kg	30,90	42,90	63,30	71,70	80,70	
	l	7,20	7,20	14,40	14,10	14,10	
	m²	3,67	9,40	7,33	12,66	17,98	
	n	1,27	1,34	1,32	1,32	1,32	
1800	W	1.863	2.379	2.865	3.330	3.960	1800
	kg	34,50	48,30	71,10	80,10	88,80	
	l	8,40	8,40	16,20	16,50	16,20	
	m²	4,13	9,86	8,25	13,58	18,90	
	n	1,29	1,33	1,31	1,33	1,32	
2000	W	2.058	2.595	3.120	3.600	4.290	2000
	kg	38,10	53,70	78,60	89,10	96,60	
	l	9,30	9,30	18,00	18,60	18,00	
	m²	4,59	11,80	9,17	15,88	22,58	
	n	1,30	1,33	1,31	1,33	1,32	
2200	W	2.265	2.802	3.390	3.870	4.620	2200
	kg	42,00	57,90	87,60	98,40	108,90	
	l	10,20	10,20	20,10	20,10	20,10	
	m²	5,04	12,26	10,09	16,79	23,50	
	n	1,32	1,32	1,30	1,33	1,32	

W = heat output per meter / kg = weight per meter / l = content per meter / m² = surface per meter / n = exponent
The manufacturer reserves the right to alter any of the specifications shown in this document without prior notice.

STANDARD RADIATORS

Centre and bottom connection
4 × R½" int.

VERTEX

Heat outputs (EN442)

EN442 (W) 70/50/20 °C

EN442 (W) 55/45/20 °C

On the label:
VERTICAL T10-22: 0274 H1800 T22 L400 — Art. 0274 18 22 04

Height	1600					1800					2000					2200					Height
Type	10	11	20	21	22	10	11	20	21	22	10	11	20	21	22	10	11	20	21	22	Type
300	378 262 0274 161003	480 327 0274 161103	579 396 0274 162003	677 462 0274 162103	804 550 0274 162203	419 289 0274 181003	530 362 0274 181103	642 440 0274 182003	743 507 0274 182103	885 605 0274 182203	461 317 0274 201003	578 395 0274 201103	699 480 0274 202003	803 548 0274 202103	959 656 0274 202203	507 347 0274 221003	626 428 0274 221103	761 524 0274 222003	862 588 0274 222103	1.033 707 0274 222203	**300**
400	505 350 0274 161004	641 436 0274 161104	772 528 0274 162004	902 616 0274 162104	1.072 733 0274 162204	559 386 0274 181004	707 482 0274 181104	855 586 0274 182004	991 676 0274 182104	1.180 806 0274 182204	615 423 0274 201004	772 527 0274 201104	932 640 0274 202004	1.070 730 0274 202104	1.278 874 0274 202204	675 462 0274 221004	834 570 0274 221104	1.015 698 0274 222004	1.150 784 0274 222104	1.377 942 0274 222204	**400**
500	631 437 0274 161005	800 545 0274 161105	965 660 0274 162005	1.128 771 0274 162105	1.340 916 0274 162205	699 482 0274 181005	884 603 0274 181105	1.068 732 0274 182005	1.238 846 0274 182105	1.474 1.008 0274 182205	769 529 0274 201005	965 659 0274 201105	1.165 800 0274 202005	1.338 913 0274 202105	1.598 1.093 0274 202205	844 577 0274 221005	1.043 712 0274 221105	1.268 873 0274 222005	1.437 980 0274 222105	1.721 1.178 0274 222205	**500**
600	757 525 0274 161006	960 654 0274 161106	1.158 792 0274 162006	1.353 925 0274 162106	1.608 1.099 0274 162206	839 579 0274 181006	1.060 723 0274 181106	1.282 879 0274 182006	1.486 1.015 0274 182106	1.769 1.210 0274 182206	923 635 0274 201006	1.158 790 0274 201106	1.399 960 0274 202006	1.606 1.095 0274 202106	1.917 1.311 0274 202206	1.013 693 0274 221006	1.251 855 0274 221106	1.522 1.047 0274 222006	1.725 1.176 0274 222106	2.065 1.413 0274 222206	**600**
700	883 612 0274 161007	1.121 763 0274 161107	1.351 924 0274 162007	1.579 1.079 0274 162107	1.876 1.282 0274 162207	978 675 0274 181007	1.237 843 0274 181107	1.496 1.025 0274 182007	1.734 1.184 0274 182107	2.064 1.411 0274 182207	1.077 740 0274 201007	1.350 922 0274 201107	1.632 1.120 0274 202007	1.873 1.278 0274 202107	2.237 1.530 0274 202207	1.182 809 0274 221007	1.459 997 0274 221107	1.775 1.222 0274 222007	2.012 1.372 0274 222107	2.410 1.649 0274 222207	**700**

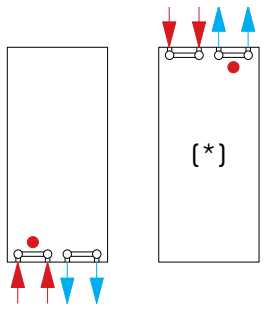
Core assortment (Stelrad white 9016) available ex factory within 10 days.
Core assortment is subject to change, please refer to www.stelrad.eu for the latest information.
Delivery time depends on the model, please refer to your distributor.

Stelrad BV: PL 25/0004/E007

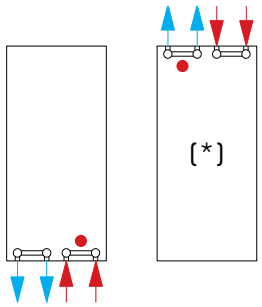
CONNECTION POSSIBILITIES

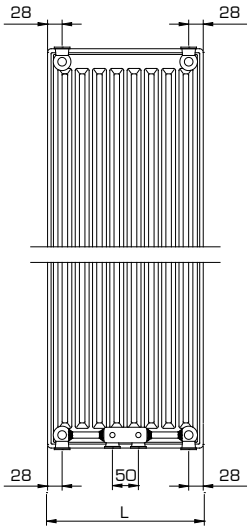
View: front of radiator

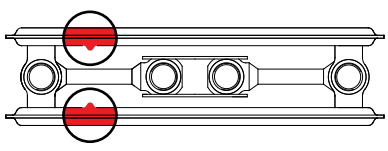
Types 10 / 11 / 20 / 21 / 22



Types 20 / 21 / 22

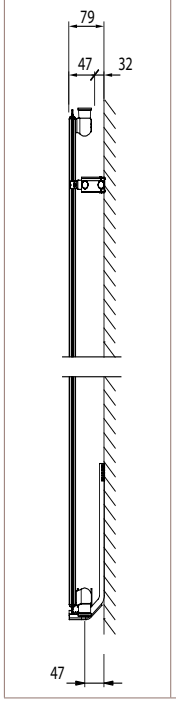
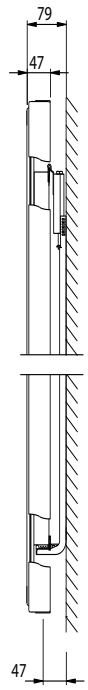
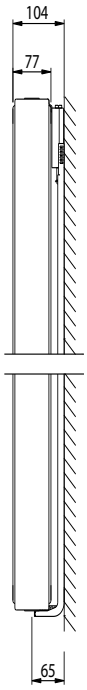
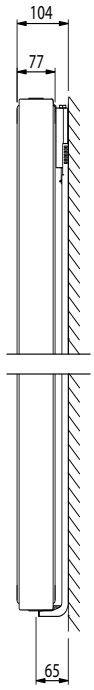
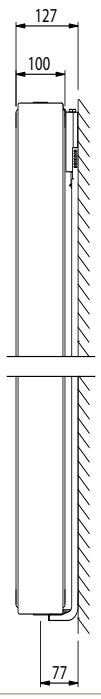






flow lock

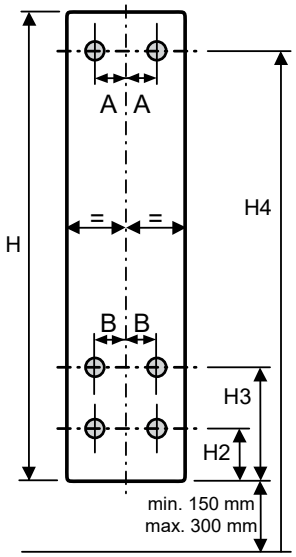
(*) With these connection options, both the supply and return must be vented. Top connection allowed provided there is a temperature difference between flow and return of maximum 20 °C.

Type 10	Type 11	Type 20	Type 21	Type 22
				

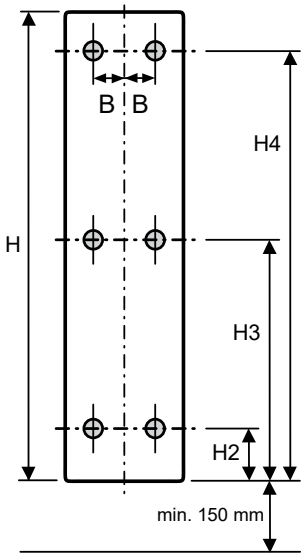
Nominal Height (mm)	Type 10			Type 11			Types 20-22		
	H2	H3	H4	H2	H3	H4	H2	H3	H4
1600	170	270	1500	160	730	1300	70	740	1410
1800	170	270	1700	160	830	1500	70	840	1610
2000	170	270	1900	160	930	1700	70	940	1810
2200	170	270	2100	160	1030	1900	70	1040	2010

Nominal Length (mm)	Type 10		Type 11	Types 20-22
	A	B	B	B
L 300	45	75	50	60
L 400	95	125	80	110
L 500	145	175	130	160
L 600	195	225	180	210
L 700	245	275	230	260

Type 10



Types 11-22

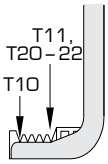


Always refer to the installation instructions and safety regulations before mounting a radiator!

An additional floor support for vertical radiators (types 20-22) is available for weak walls.

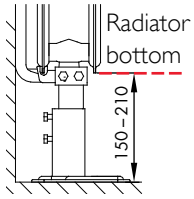
A professional inspection of the wall should always be conducted prior to mounting the radiator.

ATTENTION:
Always to be used in combination with the supplied wall brackets!



(Art.T1180)





Specifications

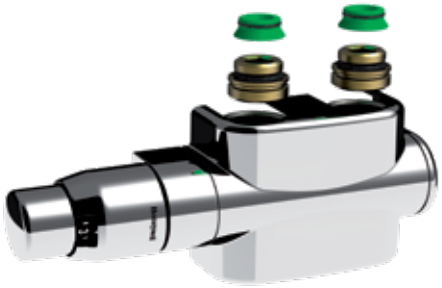
- design cover
- design thermostatic head
- 2x ¾" - ½" reduction
- 2x conical adapter
- Inlet on thermostatic head side
- valve with adjustable Kv (8 presettings)
- maximum operating temperature: 90°C
- maximum operating pressure: 6 bar
- maximum tightening torque: 35 Nm
- body in white high-quality plastic



The valve cannot be replaced.
For two-pipe systems, not suitable for one-pipe systems.

Design connection set straight piping with left or right handed valve (reversible)

Art. N°.T2121 - white
Art. N°.T2122 - chrome





Design connection set angle piping with left handed valve

Art. N°.T2123 - white
Art. N°.T2124 - chrome



Design connection set angle piping with right handed valve

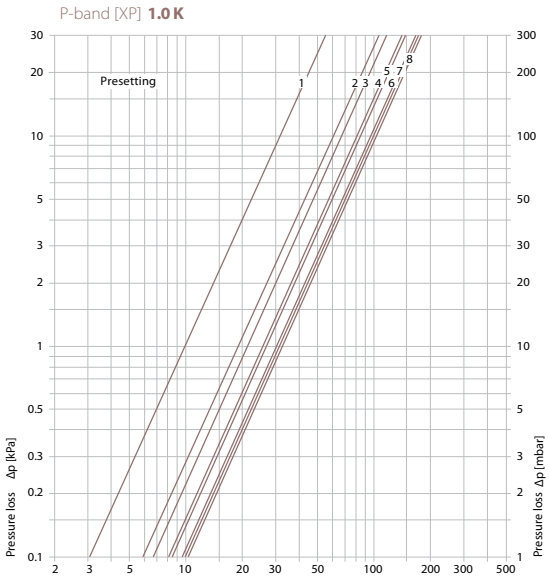
Art. N°.T2125 - white
Art. N°.T2126 - chrome

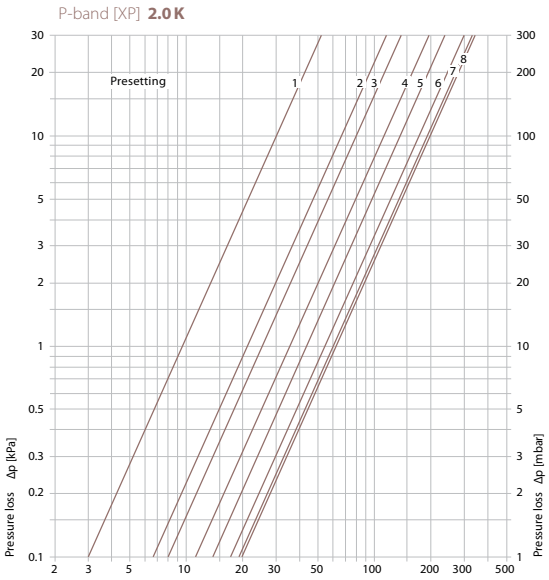


Adjustment of the valved connection fitting



Presetting	p-band xp 2.0 K	p-band xp 1.0 K
1	0.10	0.10
2	0.21	0.19
3	0.26	0.21
4	0.36	0.25
5	0.44	0.27
6	0.54	0.32
7	0.60	0.32
8	0.61	0.33





Lock function

The lock function can be used to lock the radiator without shutting down the heating system.

The valved design connection fitting closes the inlet and outlet by closing the closing screw and the thermostatic head.

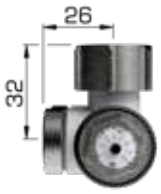


Mounting dimensions

The supplied adapters enable the connection fitting to be fitted on the most commonly used connections: ¾ external thread with flat sealing, ¾ external thread Eurocone and ½" internal thread.

The mounting dimensions are also valid for the connection fittings without valve.







¾" external thread with flat sealing



¾" external thread Eurocone



½" internal thread





THE NETHERLANDS
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Europe's favourite radiator

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