



**PRODUCTION**

The VPN-line is electrically welded by robots. As a result the weld seams are invisible. The standard tube thickness is 1,5 mm with a service pressure of 4 bar (test pressure 6 bar). The maximum operating temperature is 110°C.

**TUBES**

Vertical, flat-oval (57,5 x 10 mm).

**COLLECTORS**

Horizontal, rear, round (Ø 35 mm).

**VALVE SET (in option)**

- THERMIC valve set (1mm8) with rear connection 2 x 3/4" outer thread with manual button and a cover plate with curved base.
- THERMIC designer valve set (1-8) with rear connection 2 x 1/2" inner thread including luxury thermostatic head (always delivered together !).

ATTENTION: VPN radiators are not available with the THERMIC designer valve set MM !

**CONNECTION**

- Stock radiators are standard delivered with universal connection 1mm8 (6 connections) (always with lateral cover), see also page 152 - 156.
- mm, 18, 81, 32, 23, 76, 67, 45, 54, 27, 72, 36, 63, 26, 62, 37, 73, see also page 152 - 156.
- mm only possible with an even number of tubes.
- All supplementary connections are charged **49,94 EURO**.
- One-pipe system is only possible in position 2 or 7, see page 151. Price supplement, see page 151.

Stock radiators (RAL 9016) and coloured stock sizes are available as standard with 1/2" universal connection (1mm8). Vertical non-stock radiators with an **even** number of tubes are available only on demand with 1/2" universal connection (mm) without extra charge.

Supply is standard on the right and return on the left. Reversion of supply and return is possible, see page 140.

**LUXURY ACCESSORIES**

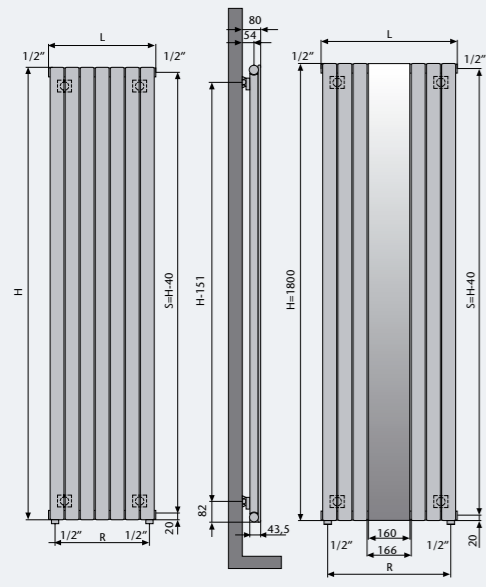
VPN radiators are available with several luxury accessories, see also page 135: towel rail, towel ring, drying and stacking rack and robe hook.

**SPECIAL**

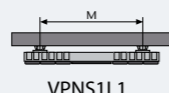
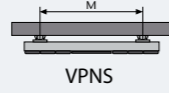
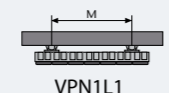
- As to type VPN1L1, steel fins are welded on the back of the flat-oval tubes in order to increase the heat output.
- Type VPNS is standard delivered with an integrated mirror (width 160 mm).
- Type VPN1L1 and VPNS are standard delivered with a steel lateral cover.

**COLOURS**

- Standard colour is RAL 9016 (Traffic white).
- Other available colours, see page 158 - 159.
- Measurements up to 2000 mm high are available in the colour M350 (stainless steel look). ATTENTION: M350: loss of heat output up to 24%!



VPNS	L	R	M
6 tubes	534	481	404
8 tubes	654	601	524



L	R	M
430	377	300
490	437	360
550	497	420
610	557	480
670	617	540
730	677	600
790	737	660
850	797	700
910	857	780

H = 1400 to 2200 mm  
 L = 430, 490, 550, 610, 670, 730, 790, 850, 910  
 S = H - 40 mm  
 C = H - 151 mm  
 n = 7 to 15 tubes  
 R = (n x 60) - 43

VPN1L1

VPNS

VPN1L1  
Valve set in option

thermic  
DESIGNER RADIATORS

thermic  
DESIGNER RADIATORS

Reference nr.: 21110 Connection Tubes 0000 Height Colour See page 4,5 and 6.

VPN1L1

Ref. nr.: VPN1L1: 21110

CE 05 in conformity with EN 442-1: radiators and convectors

n	L(mm)	H(mm)	1400	1600	1800	2000	2200	Ref. nr. stock
7	430	75/65/20°C	799	901	1002	1100	1197	
		90/70/20°C	1014	1144	1276	1401	1522	
		<b>price RAL 9016 (+ lat. cover)</b>	<b>287,37</b>	<b>317,90</b>	<b>348,43</b>	<b>378,96</b>	<b>409,49</b>	
			330,48	365,59	400,70	435,80	470,91	
8	490	75/65/20°C	913	1030	1145	1258	1369	* 21238
		90/70/20°C	1158	1308	1458	1602	1739	
		<b>price RAL 9016 (+ lat. cover)</b>	<b>323,74</b>	<b>358,63</b>	<b>393,52 *</b>	<b>428,41 **</b>	<b>463,31</b>	
			372,30	412,43	452,55	492,67	532,81	** 21248
9	550	75/65/20°C	1027	1159	1288	1415	1540	
		90/70/20°C	1303	1471	1640	1802	1957	
		<b>price RAL 9016 (+ lat. cover)</b>	<b>360,11</b>	<b>399,37</b>	<b>438,62</b>	<b>477,87</b>	<b>517,12</b>	
			414,13	459,28	504,41	549,55	594,69	
10	610	75/65/20°C	1141	1287	1431	1572	1711	* 21258
		90/70/20°C	1448	1635	1823	2002	2174	
		<b>price RAL 9016 (+ lat. cover)</b>	<b>396,49</b>	<b>440,10</b>	<b>483,72</b>	<b>527,33 *</b>	<b>570,94</b>	
			455,96	506,12	556,28	606,43	656,58	
11	670	75/65/20°C	1255	1416	1574	1729	1882	
		90/70/20°C	1593	1798	2005	2202	2392	
		<b>price RAL 9016 (+ lat. cover)</b>	<b>432,86</b>	<b>480,84</b>	<b>528,81</b>	<b>576,79</b>	<b>624,76</b>	
			497,79	552,97	608,13	663,31	718,47	
12	730	75/65/20°C	1370	1545	1718	1886	2053	
		90/70/20°C	1738	1962	2187	2403	2609	
		<b>price RAL 9016 (+ lat. cover)</b>	<b>469,24</b>	<b>521,57</b>	<b>573,91</b>	<b>626,25</b>	<b>678,58</b>	
			539,63	599,81	660,00	720,19	780,37	
13	790	75/65/20°C	1484	1673	1861	2044	2224	
		90/70/20°C	1882	2125	2369	2603	2826	
		<b>price RAL 9016 (+ lat. cover)</b>	<b>505,61</b>	<b>562,31</b>	<b>619,00</b>	<b>675,70</b>	<b>732,40</b>	
			581,45	646,66	711,85	777,06	842,26	
14	850	75/65/20°C	1598	1802	2004	2201	2395	
		90/70/20°C	2027	2289	2552	2803	3044	
		<b>price RAL 9016 (+ lat. cover)</b>	<b>541,98</b>	<b>603,04</b>	<b>664,10</b>	<b>725,16</b>	<b>786,22</b>	
			623,28	693,50	763,72	833,93	904,15	
15	910	75/65/20°C	1712	1931	2147	2358	2566	
		90/70/20°C	2172	2452	2734	3003	3261	
		<b>price RAL 9016 (+ lat. cover)</b>	<b>578,36</b>	<b>643,78</b>	<b>709,20</b>	<b>774,62</b>	<b>840,04</b>	
			665,11	740,35	815,58	890,81	966,05	
		Weight, kg/element	3,42	3,94	4,46	4,99	5,52	
		Water content, l/element	0,61	0,69	0,76	0,84	0,91	
		n-exponent	1,34	1,36	1,37	1,37	1,36	

Standard with lateral cover !

= Stock radiators



See correction factors, page 146.

Reference nr. Connection Tubes Width Height Colour See page 4,5 and 6.

VPNS

CE 05 in conformity with EN 442-1: radiators and convectors

Ref. nr. white	Ref. nr. colour	Tubes	Width L mm	Height H mm	Heat outputs 75/65/20°C Watt	Heat outputs 90/70/20°C Watt	n-exp.	Weight kg.	Water content l.	RAL 9016 €	Other colours €	M350 €
01839	01830	6	534	1800	645	814	1,32	22,70	4,70	526,65	605,65	710,98
01849	01840	8	654	1800	860	1085	1,32	27,70	6,30	595,83	685,21	804,37

Standard with lateral cover !

ATTENTION: M350 ( stainless steel look): loss of heat output up to 24% !



See correction factors, page 146.

VPNS1L1

CE 05 in conformity with EN 442-1: radiators and convectors

Ref. nr. white	Ref. nr. colour	Tubes	Width L mm	Height H mm	Heat outputs 75/65/20°C Watt	Heat outputs 90/70/20°C Watt	n-exp.	Weight kg.	Water content l.	RAL 9016 €	Other colours €	M350 €
01859	01850	6	534	1800	859	1094	1,37	28,20	4,10	562,78	647,20	759,75
01868	01860	8	654	1800	1145	1458	1,37	35,10	5,50	653,03	750,99	881,59

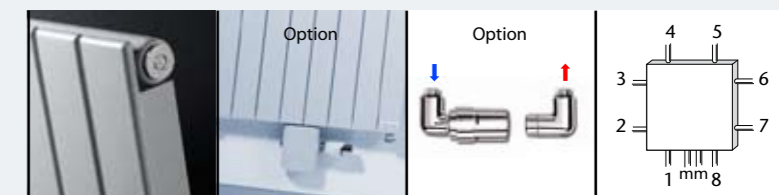
Standard with lateral cover !

ATTENTION: M350 ( stainless steel look): loss of heat output up to 24% !



See correction factors, page 146.

Price in EURO (excl. VAT)



Round collectors valve set with cover plate\* Designer valve set 1-8

\* ATTENTION: Thermostatic head not supplied by THERMIC.