

1. Unique identification code of the product-type: Group codes: **V2**
Product name: **Vertical radiator**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **Batch number, see packaging of the product.**
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: **In heating systems in buildings**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Stelrad Radiator Group Limited
69-75 Side
Newcastle Upon Tyne, NE1 3JE
United Kingdom
dop@srgl.com

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): **Not applicable**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 3**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

CETIAT, Domaine Scientifique de la Doua
25 Avenue des Arts, BP 52042
69603 Villeurbanne Cedex - France
Identification number: 1623

performed the assessment and evaluation of the product under system 3 by determination of the product-type on the basis of type testing and issued the corresponding test reports.

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: **Not applicable**
9. Declared performance:

Characteristic	Performance	Harmonized technical specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1.3 x maximum operating pressure. Max. operating pressure: 1000 kPa	
Surface temperature	Maximum 110 °C	
Resistance to pressure	No failure at 1.69 x maximum operating pressure (kPa)	
Rated thermal outputs	See Annex 1	
Thermal output in different operating conditions (<i>characteristic curve</i>)	$\Phi = (K_M \times \Delta T^n) \times L/1000$ (K_M , n and L : see Annex 1)	
Durability as:		
Resistance against corrosion	No corrosion after 100h humidity	
Resistance against minor impact	Class 0	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Sylvain Berthet, R&D Director
Herentals, 10/07/2018



Annex 1

V2						
T	H (mm)	L (mm)	Heat output (W)		n	Km
			ΔT50	ΔT30		
10	1600	0300	503	262	1,2748	11,4469
10	1600	0400	671	350	1,2748	11,4469
10	1600	0500	839	437	1,2748	11,4469
10	1600	0600	1006	525	1,2748	11,4469
10	1600	0700	1174	612	1,2748	11,4469
11	1600	0300	647	327	1,3361	11,5839
11	1600	0400	863	436	1,3361	11,5839
11	1600	0500	1079	545	1,3361	11,5839
11	1600	0600	1294	654	1,3361	11,5839
11	1600	0700	1510	763	1,3361	11,5839
20	1600	0300	778	396	1,3202	14,8134
20	1600	0400	1037	528	1,3202	14,8134
20	1600	0500	1296	660	1,3202	14,8134
20	1600	0600	1555	792	1,3202	14,8134
20	1600	0700	1814	924	1,3202	14,8134
21	1600	0300	909	462	1,3235	17,0945
21	1600	0400	1212	616	1,3235	17,0945
21	1600	0500	1515	771	1,3235	17,0945
21	1600	0600	1818	925	1,3235	17,0945
21	1600	0700	2121	1079	1,3235	17,0945
22	1600	0300	1089	553	1,3276	20,1537
22	1600	0400	1452	737	1,3276	20,1537
22	1600	0500	1815	921	1,3276	20,1537
22	1600	0600	2178	1105	1,3276	20,1537
22	1600	0700	2541	1290	1,3276	20,1537
10	1800	0300	559	289	1,2892	12,0199
10	1800	0400	745	386	1,2892	12,0199
10	1800	0500	932	482	1,2892	12,0199
10	1800	0600	1118	579	1,2892	12,0199
10	1800	0700	1304	675	1,2892	12,0199
11	1800	0300	714	362	1,332	12,9827
11	1800	0400	952	482	1,332	12,9827
11	1800	0500	1190	603	1,332	12,9827
11	1800	0600	1427	723	1,332	12,9827
11	1800	0700	1665	843	1,332	12,9827
20	1800	0300	860	440	1,3135	16,8084
20	1800	0400	1146	586	1,3135	16,8084
20	1800	0500	1433	732	1,3135	16,8084
20	1800	0600	1719	879	1,3135	16,8084
20	1800	0700	2006	1025	1,3135	16,8084
21	1800	0300	999	507	1,3263	18,5823
21	1800	0400	1332	676	1,3263	18,5823
21	1800	0500	1665	846	1,3263	18,5823
21	1800	0600	1998	1015	1,3263	18,5823
21	1800	0700	2331	1184	1,3263	18,5823
22	1800	0300	1188	602	1,331	21,6953
22	1800	0400	1584	803	1,331	21,6953
22	1800	0500	1980	1003	1,331	21,6953
22	1800	0600	2376	1204	1,331	21,6953
22	1800	0700	2772	1404	1,331	21,6953
10	2000	0300	617	317	1,3037	12,5458
10	2000	0400	823	423	1,3037	12,5458
10	2000	0500	1029	529	1,3037	12,5458
10	2000	0600	1235	635	1,3037	12,5458
10	2000	0700	1441	740	1,3037	12,5458
11	2000	0300	779	395	1,3278	14,3961
11	2000	0400	1038	527	1,3278	14,3961
11	2000	0500	1298	659	1,3278	14,3961
11	2000	0600	1557	790	1,3278	14,3961
11	2000	0700	1817	922	1,3278	14,3961
20	2000	0300	936	480	1,3068	18,7906
20	2000	0400	1248	640	1,3068	18,7906
20	2000	0500	1560	800	1,3068	18,7906
20	2000	0600	1872	960	1,3068	18,7906
20	2000	0700	2184	1120	1,3068	18,7906
21	2000	0300	1080	548	1,3292	19,8624
21	2000	0400	1440	730	1,3292	19,8624

V2						
T	H (mm)	L (mm)	Heat output (W)		n	Km
			ΔT50	ΔT30		
21	2000	0500	1800	913	1,3292	19,8624
21	2000	0600	2160	1095	1,3292	19,8624
21	2000	0700	2520	1278	1,3292	19,8624
22	2000	0300	1287	651	1,3344	23,1927
22	2000	0400	1716	868	1,3344	23,1927
22	2000	0500	2145	1085	1,3344	23,1927
22	2000	0600	2574	1302	1,3344	23,1927
22	2000	0700	3003	1519	1,3344	23,1927
10	2200	0300	680	347	1,3182	13,0463
10	2200	0400	906	462	1,3182	13,0463
10	2200	0500	1133	577	1,3182	13,0463
10	2200	0600	1359	693	1,3182	13,0463
10	2200	0700	1586	809	1,3182	13,0463
11	2200	0300	841	428	1,3237	15,7958
11	2200	0400	1121	570	1,3237	15,7958
11	2200	0500	1401	712	1,3237	15,7958
11	2200	0600	1681	855	1,3237	15,7958
11	2200	0700	1961	997	1,3237	15,7958
20	2200	0300	1017	524	1,3	20,9671
20	2200	0400	1356	698	1,3	20,9671
20	2200	0500	1695	873	1,3	20,9671
20	2200	0600	2034	1047	1,3	20,9671
20	2200	0700	2373	1222	1,3	20,9671
21	2200	0300	1161	588	1,332	21,1195
21	2200	0400	1548	784	1,332	21,1195
21	2200	0500	1935	980	1,332	21,1195
21	2200	0600	2322	1176	1,332	21,1195
21	2200	0700	2709	1372	1,332	21,1195
22	2200	0300	1386	700	1,3379	24,6371
22	2200	0400	1848	933	1,3379	24,6371
22	2200	0500	2310	1166	1,3379	24,6371
22	2200	0600	2772	1400	1,3379	24,6371
22	2200	0700	3234	1633	1,3379	24,6371