Declaration of performance

(EN)

According to Regulation (EU) 305/2011 for Construction Products

No. DoP-ISG4008

1. Unique identification code of the product-type:
   Group codes: H5V05 / H5V06 / H5V07 / H5V08 / H5V09 / H5V10
   Product name: **Hudevad P5 Vertical Extended**
   Tapping codes 35-36-37-38-39-40

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:

   Institut für GebäudeEnergetik, Universität Stuttgart,
   Pfaffenwaldring 35, 70569 Stuttgart, Deutschland
   Identification number: 0626

   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 *(characteristic curve)*	$\Phi = (K_M \times \Delta T^n) \times L/1000$ (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, 18/12/2020 .....

Annex 1

H5V05/H5V06/H5V07/H5V08/H5V09/H5V10 TC 35/36/37/38/39/40						
T	H (mm)	L (mm)	Heat output (W) ΔT50	Heat output (W) ΔT30	n	K_M
11	1600	0300	588	302	1,3051	11,8771
11	1600	0400	784	403	1,3051	11,8771
11	1600	0500	980	503	1,3051	11,8771
11	1600	0600	1175	603	1,3051	11,8771
11	1600	0700	1371	704	1,3051	11,8771
20	1600	0300	693	362	1,2706	16,0288
20	1600	0400	924	483	1,2706	16,0288
20	1600	0500	1155	604	1,2706	16,0288
20	1600	0600	1386	724	1,2706	16,0288
20	1600	0700	1617	845	1,2706	16,0288
21	1600	0300	842	432	1,3076	16,8587
21	1600	0400	1123	576	1,3076	16,8587
21	1600	0500	1404	720	1,3076	16,8587
21	1600	0600	1685	864	1,3076	16,8587
21	1600	0700	1966	1008	1,3076	16,8587
22	1600	0300	1026	522	1,3223	19,3855
22	1600	0400	1368	696	1,3223	19,3855
22	1600	0500	1710	870	1,3223	19,3855
22	1600	0600	2052	1044	1,3223	19,3855
22	1600	0700	2394	1218	1,3223	19,3855
11	1800	0300	640	329	1,301	13,1411
11	1800	0400	853	439	1,301	13,1411
11	1800	0500	1067	548	1,301	13,1411
11	1800	0600	1280	659	1,301	13,1411
11	1800	0700	1493	768	1,301	13,1411
20	1800	0300	760	397	1,2712	17,528
20	1800	0400	1013	529	1,2712	17,528
20	1800	0500	1266	661	1,2712	17,528
20	1800	0600	1519	793	1,2712	17,528
20	1800	0700	1772	926	1,2712	17,528
21	1800	0300	918	472	1,3041	18,6249
21	1800	0400	1224	629	1,3041	18,6249
21	1800	0500	1530	786	1,3041	18,6249
21	1800	0600	1836	943	1,3041	18,6249
21	1800	0700	2142	1100	1,3041	18,6249
22	1800	0300	1107	563	1,325	20,6962
22	1800	0400	1476	750	1,325	20,6962
22	1800	0500	1845	938	1,325	20,6962
22	1800	0600	2214	1125	1,325	20,6962
22	1800	0700	2583	1313	1,325	20,6962
11	2000	0300	689	355	1,2969	14,3865
11	2000	0400	919	474	1,2969	14,3865
11	2000	0500	1149	592	1,2969	14,3865
11	2000	0600	1379	711	1,2969	14,3865
11	2000	0700	1609	830	1,2969	14,3865
20	2000	0300	824	430	1,2719	18,9713
20	2000	0400	1099	574	1,2719	18,9713
20	2000	0500	1374	717	1,2719	18,9713
20	2000	0600	1649	861	1,2719	18,9713
20	2000	0700	1924	1005	1,2719	18,9713
21	2000	0300	981	505	1,3006	20,1775
21	2000	0400	1308	673	1,3006	20,1775
21	2000	0500	1635	841	1,3006	20,1775
21	2000	0600	1962	1010	1,3006	20,1775
21	2000	0700	2289	1178	1,3006	20,1775
22	2000	0300	1188	603	1,3277	21,9772
22	2000	0400	1584	804	1,3277	21,9772
22	2000	0500	1980	1005	1,3277	21,9772
22	2000	0600	2376	1206	1,3277	21,9772
22	2000	0700	2772	1407	1,3277	21,9772
11	2200	0300	736	380	1,2928	15,6116
11	2200	0400	982	507	1,2928	15,6116
11	2200	0500	1227	634	1,2928	15,6116
11	2200	0600	1472	761	1,2928	15,6116
11	2200	0700	1718	888	1,2928	15,6116
20	2200	0300	887	463	1,2726	20,3652
20	2200	0400	1183	618	1,2726	20,3652

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T	H (mm)	L (mm)	Heat output (W) ΔT50	Heat output (W) ΔT30	n	K_M
20	2200	0500	1479	772	1,2726	20,3652
20	2200	0600	1775	927	1,2726	20,3652
20	2200	0700	2071	1081	1,2726	20,3652
21	2200	0300	1053	543	1,2972	21,9484
21	2200	0400	1404	724	1,2972	21,9484
21	2200	0500	1755	905	1,2972	21,9484
21	2200	0600	2106	1086	1,2972	21,9484
21	2200	0700	2457	1267	1,2972	21,9484
22	2200	0300	1269	643	1,3304	23,229
22	2200	0400	1692	858	1,3304	23,229
22	2200	0500	2115	1072	1,3304	23,229
22	2200	0600	2538	1286	1,3304	23,229
22	2200	0700	2961	1501	1,3304	23,229