

Declaration of performance

No. DoP-ISG1007

1. Unique identification code of the product-type:

Group codes: **ECB1**
Product name: **Henrad Compact**

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:

Heat emitters for central heating systems to be supplied with hot water and steam below 120°C from a remote heat source (boiler or similar).

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Ideal Stelrad Group
69-75 Side
Newcastle Upon Tyne
NE1 3JE
United Kingdom

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.

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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 442-1:1995/A1:2003
Release of dangerous substances	None	EN 442-1:1995/A1:2003
Pressure tightness	Pass (1300 kPa)	EN 442-1:1995/A1:2003
Surface temperature	Maximum 110 °C	EN 442-1:1995/A1:2003
Resistance to pressure	Pass (1690 kPa)	EN 442-1:1995/A1:2003
Rated thermal outputs	See Annex 1	EN 442-1:1995/A1:2003
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)	EN 442-1:1995/A1:2003

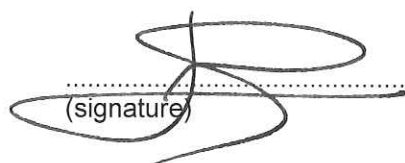
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

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:

Bart Wavis
.....
(name and function)

Herentals, 2/8/13
.....
(place and date of issue)


.....
(signature)

Declaration of performance

No. DoP-ISG1007

Annex 1

ECB1					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	K_M
11	0300	0400	204	1,3216	2,8931
11	0300	0500	255	1,3216	2,8931
11	0300	0600	305	1,3216	2,8931
11	0300	0700	356	1,3216	2,8931
11	0300	0800	407	1,3216	2,8931
11	0300	0900	458	1,3216	2,8931
11	0300	1000	509	1,3216	2,8931
11	0300	1100	560	1,3216	2,8931
11	0300	1200	611	1,3216	2,8931
11	0300	1400	713	1,3216	2,8931
11	0300	1600	814	1,3216	2,8931
11	0300	1700	865	1,3216	2,8931
11	0300	1800	916	1,3216	2,8931
11	0300	2000	1018	1,3216	2,8931
11	0300	2100	1069	1,3216	2,8931
11	0300	2200	1120	1,3216	2,8931
11	0300	2400	1222	1,3216	2,8931
11	0300	2600	1323	1,3216	2,8931
11	0300	2800	1425	1,3216	2,8931
11	0300	3000	1527	1,3216	2,8931
11	0400	0400	270	1,3117	3,994
11	0400	0500	338	1,3117	3,994
11	0400	0600	406	1,3117	3,994
11	0400	0700	473	1,3117	3,994
11	0400	0800	541	1,3117	3,994
11	0400	0900	608	1,3117	3,994
11	0400	1000	676	1,3117	3,994
11	0400	1100	744	1,3117	3,994
11	0400	1200	811	1,3117	3,994
11	0400	1400	946	1,3117	3,994
11	0400	1600	1082	1,3117	3,994
11	0400	1800	1217	1,3117	3,994
11	0400	2000	1352	1,3117	3,994
11	0400	2200	1487	1,3117	3,994
11	0400	2400	1622	1,3117	3,994
11	0400	2600	1758	1,3117	3,994
11	0400	2800	1893	1,3117	3,994
11	0400	3000	2028	1,3117	3,994
11	0500	0400	333	1,3018	5,1159
11	0500	0500	417	1,3018	5,1159
11	0500	0600	500	1,3018	5,1159
11	0500	0700	583	1,3018	5,1159
11	0500	0800	666	1,3018	5,1159
11	0500	0900	750	1,3018	5,1159
11	0500	1000	833	1,3018	5,1159
11	0500	1100	916	1,3018	5,1159
11	0500	1200	1000	1,3018	5,1159
11	0500	1400	1166	1,3018	5,1159
11	0500	1600	1333	1,3018	5,1159
11	0500	1800	1499	1,3018	5,1159
11	0500	2000	1666	1,3018	5,1159
11	0500	2200	1833	1,3018	5,1159
11	0500	2400	1999	1,3018	5,1159
11	0500	2600	2166	1,3018	5,1159
11	0500	2800	2332	1,3018	5,1159
11	0500	3000	2499	1,3018	5,1159
11	0600	0400	392	1,2919	6,2564
11	0600	0500	490	1,2919	6,2564
11	0600	0600	588	1,2919	6,2564
11	0600	0700	686	1,2919	6,2564
11	0600	0800	784	1,2919	6,2564
11	0600	0900	882	1,2919	6,2564
11	0600	1000	980	1,2919	6,2564
11	0600	1100	1078	1,2919	6,2564
11	0600	1200	1176	1,2919	6,2564

ECB1					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	K_M
11	0600	1400	1372	1,2919	6,2564
11	0600	1600	1568	1,2919	6,2564
11	0600	1800	1764	1,2919	6,2564
11	0600	2000	1960	1,2919	6,2564
11	0600	2200	2156	1,2919	6,2564
11	0600	2400	2352	1,2919	6,2564
11	0600	2600	2548	1,2919	6,2564
11	0600	2800	2744	1,2919	6,2564
11	0600	3000	2940	1,2919	6,2564
11	0700	0400	447	1,2919	7,1311
11	0700	0500	559	1,2919	7,1311
11	0700	0600	670	1,2919	7,1311
11	0700	0700	782	1,2919	7,1311
11	0700	0800	894	1,2919	7,1311
11	0700	0900	1005	1,2919	7,1311
11	0700	1000	1117	1,2919	7,1311
11	0700	1100	1229	1,2919	7,1311
11	0700	1200	1340	1,2919	7,1311
11	0700	1400	1564	1,2919	7,1311
11	0700	1600	1787	1,2919	7,1311
11	0700	1800	2011	1,2919	7,1311
11	0700	2000	2234	1,2919	7,1311
11	0700	2200	2457	1,2919	7,1311
11	0700	2400	2681	1,2919	7,1311
11	0700	2600	2904	1,2919	7,1311
11	0700	2800	3128	1,2919	7,1311
11	0700	3000	3351	1,2919	7,1311
11	0900	0400	544	1,2919	8,6824
11	0900	0500	680	1,2919	8,6824
11	0900	0600	816	1,2919	8,6824
11	0900	0700	952	1,2919	8,6824
11	0900	0800	1088	1,2919	8,6824
11	0900	0900	1224	1,2919	8,6824
11	0900	1000	1360	1,2919	8,6824
11	0900	1100	1496	1,2919	8,6824
11	0900	1200	1632	1,2919	8,6824
11	0900	1400	1904	1,2919	8,6824
11	0900	1600	2176	1,2919	8,6824
11	0900	1800	2448	1,2919	8,6824
11	0900	2000	2720	1,2919	8,6824
11	0900	2200	2992	1,2919	8,6824
11	0900	2400	3264	1,2919	8,6824
11	0900	2600	3536	1,2919	8,6824
11	0900	2800	3808	1,2919	8,6824
11	0900	3000	4080	1,2919	8,6824
20	0300	1000	567	1,302	3,4796
20	0300	2200	1247	1,302	3,4796
20	0300	2400	1361	1,302	3,4796
20	0400	0500	358	1,3071	4,3071
20	0400	0600	430	1,3071	4,3071
20	0400	0800	573	1,3071	4,3071
20	0400	1000	716	1,3071	4,3071
20	0400	1200	859	1,3071	4,3071
20	0400	1400	1002	1,3071	4,3071
20	0400	1600	1146	1,3071	4,3071
20	0400	1800	1289	1,3071	4,3071
20	0400	2000	1432	1,3071	4,3071
20	0400	2200	1575	1,3071	4,3071
20	0400	2400	1718	1,3071	4,3071
20	0400	2600	1862	1,3071	4,3071
20	0400	2800	2005	1,3071	4,3071
20	0400	3000	2148	1,3071	4,3071
20	0500	0500	431	1,3121	5,0791
20	0500	0600	517	1,3121	5,0791
20	0500	0700	603	1,3121	5,0791
20	0500	0800	689	1,3121	5,0791

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ECB1					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	K_M
20	0500	0900	775	1,3121	5,0791
20	0500	1000	861	1,3121	5,0791
20	0500	1100	947	1,3121	5,0791
20	0500	1200	1033	1,3121	5,0791
20	0500	1400	1205	1,3121	5,0791
20	0500	1600	1378	1,3121	5,0791
20	0500	1800	1550	1,3121	5,0791
20	0500	2000	1722	1,3121	5,0791
20	0500	2200	1894	1,3121	5,0791
20	0500	2400	2066	1,3121	5,0791
20	0500	2600	2239	1,3121	5,0791
20	0500	2800	2411	1,3121	5,0791
20	0500	3000	2583	1,3121	5,0791
20	0600	0400	402	1,3172	5,8056
20	0600	0500	502	1,3172	5,8056
20	0600	0600	602	1,3172	5,8056
20	0600	0800	803	1,3172	5,8056
20	0600	1000	1004	1,3172	5,8056
20	0600	1200	1205	1,3172	5,8056
20	0600	1400	1406	1,3172	5,8056
20	0600	1600	1606	1,3172	5,8056
20	0600	1800	1807	1,3172	5,8056
20	0600	2000	2008	1,3172	5,8056
20	0600	2200	2209	1,3172	5,8056
20	0600	2400	2410	1,3172	5,8056
20	0600	2600	2610	1,3172	5,8056
20	0600	2800	2811	1,3172	5,8056
20	0600	3000	3012	1,3172	5,8056
20	0700	0400	458	1,3288	6,3328
20	0700	0500	573	1,3288	6,3328
20	0700	0600	688	1,3288	6,3328
20	0700	0700	802	1,3288	6,3328
20	0700	0800	917	1,3288	6,3328
20	0700	0900	1031	1,3288	6,3328
20	0700	1000	1146	1,3288	6,3328
20	0700	1100	1261	1,3288	6,3328
20	0700	1200	1375	1,3288	6,3328
20	0700	1400	1604	1,3288	6,3328
20	0700	1600	1834	1,3288	6,3328
20	0700	1800	2063	1,3288	6,3328
20	0700	2000	2292	1,3288	6,3328
20	0700	2200	2521	1,3288	6,3328
20	0700	2400	2750	1,3288	6,3328
20	0700	2600	2980	1,3288	6,3328
20	0700	2800	3209	1,3288	6,3328
20	0700	3000	3438	1,3288	6,3328
20	0900	0500	715	1,352	7,2115
20	0900	0600	857	1,352	7,2115
20	0900	0700	1000	1,352	7,2115
20	0900	0800	1143	1,352	7,2115
20	0900	0900	1286	1,352	7,2115
20	0900	1000	1429	1,352	7,2115
20	0900	1100	1572	1,352	7,2115
20	0900	1200	1715	1,352	7,2115
20	0900	1400	2001	1,352	7,2115
20	0900	1600	2286	1,352	7,2115
20	0900	1800	2572	1,352	7,2115
20	0900	2000	2858	1,352	7,2115
20	0900	2200	3144	1,352	7,2115
20	0900	2400	3430	1,352	7,2115
20	0900	2600	3715	1,352	7,2115
20	0900	2800	4001	1,352	7,2115
20	0900	3000	4287	1,352	7,2115
21	0300	0600	447	1,3297	4,1024
21	0300	0700	522	1,3297	4,1024
21	0300	0800	596	1,3297	4,1024
21	0300	0900	671	1,3297	4,1024

ECB1					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	K_M
21	0300	1000	745	1,3297	4,1024
21	0300	1200	894	1,3297	4,1024
21	0300	1400	1043	1,3297	4,1024
21	0300	1600	1192	1,3297	4,1024
21	0300	1800	1341	1,3297	4,1024
21	0300	2000	1490	1,3297	4,1024
21	0300	2200	1639	1,3297	4,1024
21	0300	2400	1788	1,3297	4,1024
21	0300	2600	1937	1,3297	4,1024
21	0300	2800	2086	1,3297	4,1024
21	0300	3000	2235	1,3297	4,1024
21	0400	0500	477	1,3325	5,196
21	0400	0600	572	1,3325	5,196
21	0400	0700	668	1,3325	5,196
21	0400	0800	763	1,3325	5,196
21	0400	0900	859	1,3325	5,196
21	0400	1000	954	1,3325	5,196
21	0400	1100	1049	1,3325	5,196
21	0400	1200	1145	1,3325	5,196
21	0400	1400	1336	1,3325	5,196
21	0400	1600	1526	1,3325	5,196
21	0400	1800	1717	1,3325	5,196
21	0400	2000	1908	1,3325	5,196
21	0400	2200	2099	1,3325	5,196
21	0400	2400	2290	1,3325	5,196
21	0400	2600	2480	1,3325	5,196
21	0400	2800	2671	1,3325	5,196
21	0400	3000	2862	1,3325	5,196
21	0500	0400	461	1,3353	6,2115
21	0500	0500	577	1,3353	6,2115
21	0500	0600	692	1,3353	6,2115
21	0500	0700	807	1,3353	6,2115
21	0500	0800	922	1,3353	6,2115
21	0500	0900	1038	1,3353	6,2115
21	0500	1000	1153	1,3353	6,2115
21	0500	1100	1268	1,3353	6,2115
21	0500	1200	1384	1,3353	6,2115
21	0500	1400	1614	1,3353	6,2115
21	0500	1600	1845	1,3353	6,2115
21	0500	1800	2075	1,3353	6,2115
21	0500	2000	2306	1,3353	6,2115
21	0500	2200	2537	1,3353	6,2115
21	0500	2400	2767	1,3353	6,2115
21	0500	2600	2998	1,3353	6,2115
21	0500	2800	3228	1,3353	6,2115
21	0500	3000	3459	1,3353	6,2115
21	0600	0400	538	1,3381	7,1669
21	0600	0500	673	1,3381	7,1669
21	0600	0600	807	1,3381	7,1669
21	0600	0700	942	1,3381	7,1669
21	0600	0800	1076	1,3381	7,1669
21	0600	0900	1211	1,3381	7,1669
21	0600	1000	1345	1,3381	7,1669
21	0600	1100	1480	1,3381	7,1669
21	0600	1200	1614	1,3381	7,1669
21	0600	1400	1883	1,3381	7,1669
21	0600	1600	2152	1,3381	7,1669
21	0600	1800	2421	1,3381	7,1669
21	0600	2000	2690	1,3381	7,1669
21	0600	2200	2959	1,3381	7,1669
21	0600	2400	3228	1,3381	7,1669
21	0600	2600	3497	1,3381	7,1669
21	0600	2800	3766	1,3381	7,1669
21	0600	3000	4035	1,3381	7,1669
21	0700	0400	612	1,3381	8,1527
21	0700	0500	765	1,3381	8,1527
21	0700	0600	918	1,3381	8,1527

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ECB1					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	K_M
21	0700	0700	1071	1,3381	8,1527
21	0700	0800	1224	1,3381	8,1527
21	0700	0900	1377	1,3381	8,1527
21	0700	1000	1530	1,3381	8,1527
21	0700	1100	1683	1,3381	8,1527
21	0700	1200	1836	1,3381	8,1527
21	0700	1400	2142	1,3381	8,1527
21	0700	1600	2448	1,3381	8,1527
21	0700	1800	2754	1,3381	8,1527
21	0700	2000	3060	1,3381	8,1527
21	0700	2200	3366	1,3381	8,1527
21	0700	2400	3672	1,3381	8,1527
21	0700	2600	3978	1,3381	8,1527
21	0700	2800	4284	1,3381	8,1527
21	0700	3000	4590	1,3381	8,1527
21	0900	0400	753	1,3382	10,0297
21	0900	0500	942	1,3382	10,0297
21	0900	0600	1130	1,3382	10,0297
21	0900	0700	1318	1,3382	10,0297
21	0900	0800	1506	1,3382	10,0297
21	0900	0900	1695	1,3382	10,0297
21	0900	1000	1883	1,3382	10,0297
21	0900	1100	2071	1,3382	10,0297
21	0900	1200	2260	1,3382	10,0297
21	0900	1400	2636	1,3382	10,0297
21	0900	1600	3013	1,3382	10,0297
21	0900	1800	3389	1,3382	10,0297
21	0900	2000	3766	1,3382	10,0297
21	0900	2200	4143	1,3382	10,0297
21	0900	2400	4519	1,3382	10,0297
21	0900	2600	4896	1,3382	10,0297
21	0900	2800	5272	1,3382	10,0297
21	0900	3000	5649	1,3382	10,0297
22	0300	0500	491	1,3264	5,4777
22	0300	0600	589	1,3264	5,4777
22	0300	0700	687	1,3264	5,4777
22	0300	0800	786	1,3264	5,4777
22	0300	0900	884	1,3264	5,4777
22	0300	1000	982	1,3264	5,4777
22	0300	1100	1080	1,3264	5,4777
22	0300	1200	1178	1,3264	5,4777
22	0300	1400	1375	1,3264	5,4777
22	0300	1600	1571	1,3264	5,4777
22	0300	1800	1768	1,3264	5,4777
22	0300	2000	1964	1,3264	5,4777
22	0300	2200	2160	1,3264	5,4777
22	0300	2400	2357	1,3264	5,4777
22	0300	2600	2553	1,3264	5,4777
22	0300	2800	2750	1,3264	5,4777
22	0300	3000	2946	1,3264	5,4777
22	0400	0400	498	1,3291	6,8718
22	0400	0500	623	1,3291	6,8718
22	0400	0600	747	1,3291	6,8718
22	0400	0700	872	1,3291	6,8718
22	0400	0800	996	1,3291	6,8718
22	0400	0900	1121	1,3291	6,8718
22	0400	1000	1245	1,3291	6,8718
22	0400	1100	1370	1,3291	6,8718
22	0400	1200	1494	1,3291	6,8718
22	0400	1400	1743	1,3291	6,8718
22	0400	1600	1992	1,3291	6,8718
22	0400	1800	2241	1,3291	6,8718
22	0400	2000	2490	1,3291	6,8718
22	0400	2200	2739	1,3291	6,8718
22	0400	2400	2988	1,3291	6,8718
22	0400	2600	3237	1,3291	6,8718
22	0400	2800	3486	1,3291	6,8718

ECB1					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	K_M
22	0400	3000	3735	1,3291	6,8718
22	0500	0400	598	1,3319	8,1563
22	0500	0500	747	1,3319	8,1563
22	0500	0600	896	1,3319	8,1563
22	0500	0700	1046	1,3319	8,1563
22	0500	0800	1195	1,3319	8,1563
22	0500	0900	1345	1,3319	8,1563
22	0500	1000	1494	1,3319	8,1563
22	0500	1100	1643	1,3319	8,1563
22	0500	1200	1793	1,3319	8,1563
22	0500	1400	2092	1,3319	8,1563
22	0500	1600	2390	1,3319	8,1563
22	0500	1800	2689	1,3319	8,1563
22	0500	2000	2988	1,3319	8,1563
22	0500	2200	3287	1,3319	8,1563
22	0500	2400	3586	1,3319	8,1563
22	0500	2600	3884	1,3319	8,1563
22	0500	2800	4183	1,3319	8,1563
22	0500	3000	4482	1,3319	8,1563
22	0600	0400	693	1,3346	9,3563
22	0600	0500	866	1,3346	9,3563
22	0600	0600	1039	1,3346	9,3563
22	0600	0700	1212	1,3346	9,3563
22	0600	0800	1386	1,3346	9,3563
22	0600	0900	1559	1,3346	9,3563
22	0600	1000	1732	1,3346	9,3563
22	0600	1100	1905	1,3346	9,3563
22	0600	1200	2078	1,3346	9,3563
22	0600	1400	2425	1,3346	9,3563
22	0600	1600	2771	1,3346	9,3563
22	0600	1800	3118	1,3346	9,3563
22	0600	2000	3464	1,3346	9,3563
22	0600	2200	3810	1,3346	9,3563
22	0600	2400	4157	1,3346	9,3563
22	0600	2600	4503	1,3346	9,3563
22	0600	2800	4850	1,3346	9,3563
22	0600	3000	5196	1,3346	9,3563
22	0700	0400	784	1,3385	10,4329
22	0700	0500	981	1,3385	10,4329
22	0700	0600	1177	1,3385	10,4329
22	0700	0700	1373	1,3385	10,4329
22	0700	0800	1569	1,3385	10,4329
22	0700	0900	1765	1,3385	10,4329
22	0700	1000	1961	1,3385	10,4329
22	0700	1100	2157	1,3385	10,4329
22	0700	1200	2353	1,3385	10,4329
22	0700	1400	2745	1,3385	10,4329
22	0700	1600	3138	1,3385	10,4329
22	0700	1800	3530	1,3385	10,4329
22	0700	2000	3922	1,3385	10,4329
22	0700	2200	4314	1,3385	10,4329
22	0700	2400	4706	1,3385	10,4329
22	0700	2600	5099	1,3385	10,4329
22	0700	2800	5491	1,3385	10,4329
22	0700	3000	5883	1,3385	10,4329
22	0900	0400	958	1,3463	12,359
22	0900	0500	1198	1,3463	12,359
22	0900	0600	1437	1,3463	12,359
22	0900	0700	1677	1,3463	12,359
22	0900	0800	1916	1,3463	12,359
22	0900	0900	2156	1,3463	12,359
22	0900	1000	2395	1,3463	12,359
22	0900	1100	2635	1,3463	12,359
22	0900	1200	2874	1,3463	12,359
22	0900	1400	3353	1,3463	12,359
22	0900	1600	3832	1,3463	12,359
22	0900	1800	4311	1,3463	12,359

Declaration of performance

No. DoP-ISG1007

ECB1					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	K_M
22	0900	2000	4790	1,3463	12,359
22	0900	2200	5269	1,3463	12,359
22	0900	2400	5748	1,3463	12,359
22	0900	2600	6227	1,3463	12,359
22	0900	2800	6706	1,3463	12,359
22	0900	3000	7185	1,3463	12,359
33	0300	0500	675	1,3137	7,9082
33	0300	0600	809	1,3137	7,9082
33	0300	0700	944	1,3137	7,9082
33	0300	0800	1079	1,3137	7,9082
33	0300	0900	1214	1,3137	7,9082
33	0300	1000	1349	1,3137	7,9082
33	0300	1200	1619	1,3137	7,9082
33	0300	1400	1889	1,3137	7,9082
33	0300	1600	2158	1,3137	7,9082
33	0300	1800	2428	1,3137	7,9082
33	0300	2000	2698	1,3137	7,9082
33	0300	2200	2968	1,3137	7,9082
33	0300	2400	3238	1,3137	7,9082
33	0300	2600	3507	1,3137	7,9082
33	0300	2800	3777	1,3137	7,9082
33	0300	3000	4047	1,3137	7,9082
33	0400	0500	856	1,3169	9,9055
33	0400	0600	1027	1,3169	9,9055
33	0400	0700	1198	1,3169	9,9055
33	0400	0800	1369	1,3169	9,9055
33	0400	0900	1540	1,3169	9,9055
33	0400	1000	1711	1,3169	9,9055
33	0400	1100	1882	1,3169	9,9055
33	0400	1200	2053	1,3169	9,9055
33	0400	1400	2395	1,3169	9,9055
33	0400	1600	2738	1,3169	9,9055
33	0400	1800	3080	1,3169	9,9055
33	0400	2000	3422	1,3169	9,9055
33	0400	2200	3764	1,3169	9,9055
33	0400	2400	4106	1,3169	9,9055
33	0400	2600	4449	1,3169	9,9055
33	0400	2800	4791	1,3169	9,9055
33	0400	3000	5133	1,3169	9,9055
33	0500	0400	822	1,3202	11,7501
33	0500	0500	1028	1,3202	11,7501
33	0500	0600	1234	1,3202	11,7501
33	0500	0700	1439	1,3202	11,7501
33	0500	0800	1645	1,3202	11,7501
33	0500	0900	1850	1,3202	11,7501
33	0500	1000	2056	1,3202	11,7501
33	0500	1100	2262	1,3202	11,7501
33	0500	1200	2467	1,3202	11,7501
33	0500	1400	2878	1,3202	11,7501
33	0500	1600	3290	1,3202	11,7501
33	0500	1800	3701	1,3202	11,7501
33	0500	2000	4112	1,3202	11,7501
33	0500	2200	4523	1,3202	11,7501
33	0500	2400	4934	1,3202	11,7501
33	0500	2600	5346	1,3202	11,7501
33	0500	2800	5757	1,3202	11,7501
33	0500	3000	6168	1,3202	11,7501
33	0600	0400	956	1,3234	13,4834
33	0600	0500	1195	1,3234	13,4834
33	0600	0600	1433	1,3234	13,4834
33	0600	0700	1672	1,3234	13,4834
33	0600	0800	1911	1,3234	13,4834
33	0600	0900	2150	1,3234	13,4834
33	0600	1000	2389	1,3234	13,4834
33	0600	1100	2628	1,3234	13,4834
33	0600	1200	2867	1,3234	13,4834
33	0600	1400	3345	1,3234	13,4834

ECB1					
T	H (mm)	L (mm)	Heat output at $\Delta T50$ (W)	n	K_M
33	0600	1600	3822	1,3234	13,4834
33	0600	1800	4300	1,3234	13,4834
33	0600	2000	4778	1,3234	13,4834
33	0600	2200	5256	1,3234	13,4834
33	0600	2400	5734	1,3234	13,4834
33	0600	2600	6211	1,3234	13,4834
33	0600	2800	6689	1,3234	13,4834
33	0600	3000	7167	1,3234	13,4834
33	0700	0400	1085	1,3393	14,3833
33	0700	0500	1356	1,3393	14,3833
33	0700	0600	1627	1,3393	14,3833
33	0700	0700	1898	1,3393	14,3833
33	0700	0800	2170	1,3393	14,3833
33	0700	0900	2441	1,3393	14,3833
33	0700	1000	2712	1,3393	14,3833
33	0700	1100	2983	1,3393	14,3833
33	0700	1200	3254	1,3393	14,3833
33	0700	1400	3797	1,3393	14,3833
33	0700	1600	4339	1,3393	14,3833
33	0700	1800	4882	1,3393	14,3833
33	0700	2000	5424	1,3393	14,3833
33	0700	2200	5966	1,3393	14,3833
33	0700	2400	6509	1,3393	14,3833
33	0700	2600	7051	1,3393	14,3833
33	0700	2800	7594	1,3393	14,3833
33	0700	3000	8136	1,3393	14,3833
33	0900	0400	1334	1,3712	15,6077
33	0900	0500	1667	1,3712	15,6077
33	0900	0600	2000	1,3712	15,6077
33	0900	0700	2334	1,3712	15,6077
33	0900	0800	2667	1,3712	15,6077
33	0900	0900	3001	1,3712	15,6077
33	0900	1000	3334	1,3712	15,6077
33	0900	1100	3667	1,3712	15,6077
33	0900	1200	4001	1,3712	15,6077
33	0900	1400	4668	1,3712	15,6077
33	0900	1600	5334	1,3712	15,6077
33	0900	1800	6001	1,3712	15,6077
33	0900	2000	6668	1,3712	15,6077
33	0900	2200	7335	1,3712	15,6077
33	0900	2400	8002	1,3712	15,6077
33	0900	2600	8668	1,3712	15,6077