



KORATHERM® HORIZONTAL, HORIZONTAL - M

HEAT OUTPUT IN WATTS CERTIFIED TO EN 442

20 °C			Type									
			K10H	K11H	K20H	K21H	K22H	K10H	K11H	K20H	K21H	K22H
			K10HM	K11HM*	K20HM	K21HM	K22HM	K10HM	K11HM	K20HM	K21HM	K22HM
Height H [mm]			144					218				
Number of profiles i [pcs]			2					3				
Length L [mm]	Connecting pitch h [mm]	t ₁ /t ₂ [°C]	Heat output Q [W]									
500	450 50	90/70	123	152	205	239	314	164	220	293	342	438
		70/55	81	100	135	158	209	108	145	192	225	291
		55/45	53	66	88	104	139	71	95	126	148	193
600	550 50	90/70	148	182	246	287	377	197	263	352	411	526
		70/55	97	120	162	189	251	130	174	231	270	350
		55/45	64	79	106	125	167	86	114	151	178	232
700	650 50	90/70	172	213	287	335	440	230	307	410	479	614
		70/55	114	140	189	221	293	152	203	269	315	408
		55/45	75	92	124	145	195	100	133	177	207	271
800	750 50	90/70	197	243	328	383	503	263	351	469	548	702
		70/55	130	160	216	252	335	173	231	308	360	466
		55/45	86	106	141	166	222	114	152	202	237	309
900	850 50	90/70	221	274	369	431	566	296	395	527	616	789
		70/55	146	181	242	284	377	195	260	346	405	524
		55/45	96	119	159	187	250	128	171	227	266	348
1000	950 50	90/70	246	304	410	479	629	329	439	586	684	877
		70/55	162	201	269	315	418	217	289	385	450	583
		55/45	107	132	177	208	278	143	190	252	296	387
1100	1050 50	90/70	271	334	451	527	692	362	483	645	753	965
		70/55	179	221	296	347	460	238	318	423	495	641
		55/45	118	145	195	228	306	157	209	278	326	425
1200	1150 50	90/70	295	365	492	574	755	395	527	703	821	1052
		70/55	195	241	323	378	502	260	347	462	540	699
		55/45	128	159	212	249	334	171	228	303	355	464
1400	1350 50	90/70	344	426	574	670	880	461	615	820	958	1228
		70/55	227	281	377	442	586	304	405	539	631	816
		55/45	150	185	248	291	389	200	267	353	414	541
1600	1550 50	90/70	394	487	656	766	1006	526	702	938	1095	1403
		70/55	260	321	431	505	670	347	463	616	721	932
		55/45	171	211	283	332	445	228	305	404	474	618
1800	1750 50	90/70	443	547	738	862	1132	592	790	1055	1232	1578
		70/55	292	361	485	568	753	390	521	693	811	1049
		55/45	192	238	318	374	501	257	343	454	533	696
2000	1950 50	90/70	492	608	820	957	1258	658	878	1172	1369	1754
		70/55	325	401	539	631	837	434	579	770	901	1165
		55/45	214	264	354	415	556	285	381	505	592	773
2300	2250 50	90/70	566	699	943	1101	1446	757	1010	1348	1574	2017
		70/55	373	461	620	725	962	499	665	885	1036	1340
		55/45	246	304	407	477	640	328	438	581	681	889
2600	2550 50	90/70	640	791	1066	1245	1635	855	1142	1524	1780	2280
		70/55	422	522	700	820	1088	564	752	1001	1171	1515
		55/45	278	344	460	540	723	371	495	656	769	1005
3000	2950 50	90/70	738	912	1230	1436	1887	987	1317	1758	2053	2631
		70/55	487	602	808	946	1255	650	868	1155	1351	1748
		55/45	321	396	530	623	834	428	571	757	888	1160

* The type K11HM in the height H = 144 mm is produced from the length L = 800 mm.

The model KORATHERM HORIZONTAL - M is produced up to the length L = 2000 mm.

BASIC TECHNICAL PARAMETERS

Type	K10H	K11H	K20H	K21H	K22H	K10H	K11H	K20H	K21H	K22H
	K10HM	K11HM	K20HM	K21HM	K22HM	K10HM	K11HM	K20HM	K21HM	K22HM
Height H [mm]	144					218				
Number of profiles i [pcs]	2					3				
Nominal heat output Q _N [W/m]	199	246	331	387	511	266	355	473	553	712
Temperature exponent n [-]	1,2021	1,2024	1,2130	1,2059	1,1771	1,2049	1,2052	1,2150	1,2096	1,1818

For weight and water volume see page 22 and 23.

Characteristic equation: $\Phi_L = K_T \cdot H^b \cdot \Delta T^{(c_0+c_1 \cdot H)}$



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HEAT OUTPUT IN WATTS CERTIFIED TO EN 442

20 °C			Type									
			K10H	K11H	K20H	K21H	K22H	K10H	K11H	K20H	K21H	K22H
			K10HM	K11HM	K20HM	K21HM	K22HM	K10HM	K11HM	K20HM	K21HM	K22HM
Height H [mm]			366					514				
Number of profiles i [pcs]			5					7				
Length L [mm]	Connecting pitch h [mm]	t ₁ /t ₂ [°C]	Heat output Q [W]									
500	450 50	90/70	244	348	459	534	659	327	470	617	709	856
		70/55	161	229	301	350	437	214	308	404	465	566
		55/45	106	150	197	229	289	140	202	265	305	373
600	550 50	90/70	293	417	550	640	791	393	564	740	851	1027
		70/55	193	275	361	420	524	257	370	485	558	679
		55/45	127	180	236	275	346	168	242	318	366	448
700	650 50	90/70	342	487	642	747	923	458	658	864	993	1198
		70/55	225	320	421	490	611	300	431	566	651	792
		55/45	148	210	276	321	404	196	283	371	427	522
800	750 50	90/70	391	557	734	854	1055	523	752	987	1134	1370
		70/55	257	366	481	560	699	342	493	647	744	905
		55/45	169	240	315	367	462	224	323	424	488	597
900	850 50	90/70	440	626	826	960	1187	589	846	1110	1276	1541
		70/55	289	412	542	630	786	385	555	728	837	1018
		55/45	190	271	355	413	520	251	363	477	549	672
1000	950 50	90/70	489	696	917	1067	1319	654	940	1234	1418	1712
		70/55	322	458	602	700	873	428	616	809	930	1131
		55/45	211	301	394	459	577	279	404	530	610	746
1100	1050 50	90/70	538	765	1009	1174	1451	720	1034	1357	1560	1883
		70/55	354	503	662	770	961	471	678	890	1023	1244
		55/45	232	331	434	505	635	307	444	583	671	821
1200	1150 50	90/70	587	835	1101	1280	1583	785	1128	1481	1702	2054
		70/55	386	549	722	840	1048	513	740	971	1116	1357
		55/45	254	361	473	551	693	335	485	636	732	896
1400	1350 50	90/70	685	974	1284	1494	1846	916	1316	1727	1985	2397
		70/55	450	641	842	980	1223	599	863	1133	1303	1583
		55/45	296	421	552	643	808	391	565	741	853	1045
1600	1550 50	90/70	782	1113	1468	1707	2110	1047	1503	1974	2269	2739
		70/55	515	732	963	1121	1397	685	986	1294	1489	1810
		55/45	338	481	631	734	924	447	646	847	975	1194
1800	1750 50	90/70	880	1252	1651	1921	2374	1178	1691	2221	2552	3081
		70/55	579	824	1083	1261	1572	770	1110	1456	1675	2036
		55/45	380	541	709	826	1039	503	727	953	1097	1343
2000	1950 50	90/70	978	1391	1835	2134	2638	1309	1879	2468	2836	3424
		70/55	643	915	1203	1401	1747	856	1233	1618	1861	2262
		55/45	423	601	788	918	1155	559	808	1059	1219	1493
2300	2250 50	90/70	1125	1600	2110	2454	3033	1505	2161	2838	3261	3937
		70/55	740	1053	1384	1611	2009	984	1418	1861	2140	2601
		55/45	486	691	906	1056	1328	643	929	1218	1402	1716
2600	2550 50	90/70	1271	1809	2385	2774	3429	1701	2443	3208	3687	4451
		70/55	836	1190	1564	1821	2271	1113	1603	2103	2419	2941
		55/45	549	781	1025	1193	1501	726	1050	1377	1585	1940
3000	2950 50	90/70	1467	2087	2752	3201	3957	1963	2819	3701	4254	5178
		70/55	965	1373	1805	2101	2620	1284	1849	2427	2791	3381
		55/45	634	902	1182	1377	1732	838	1211	1589	1829	2231

The model KORATHERM HORIZONTAL - M is produced up to the length L = 2000 mm.

BASIC TECHNICAL PARAMETERS

Type	K10H	K11H	K20H	K21H	K22H	K10H	K11H	K20H	K21H	K22H
	K10HM	K11HM	K20HM	K21HM	K22HM	K10HM	K11HM	K20HM	K21HM	K22HM
Height H [mm]	366					514				
Number of profiles i [pcs]	5					7				
Nominal heat output Q _N [W/m]	395	562	740	861	1069	527	758	995	1144	1386
Temperature exponent n [-]	1,2105	1,2108	1,2190	1,2172	1,1914	1,2277	1,2185	1,2200	1,2179	1,1978

For weight and water volume see page 22 and 23.

Characteristic equation: $\Phi_L = K_T \cdot H^b \cdot \Delta T^{(c_0+c_1 \cdot H)}$



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20 °C			Type									
			K10H	K11H	K20H	K21H	K22H	K10H	K11H	K20H	K21H	K22H
			K10HM	K11HM	K20HM	K21HM	K22HM	K10HM	K11HM	K20HM	K21HM	K22HM
Height H [mm]			588					662				
Number of profiles i [pcs]			8					9				
Length L [mm]	Connecting pitch h [mm]	t ₁ /t ₂ [°C]	Heat output Q [W]									
500	450 50	90/70	370	529	695	792	947	415	587	772	873	1034
		70/55	241	347	456	520	625	270	384	506	573	681
		55/45	157	227	298	340	412	175	251	331	375	449
600	550 50	90/70	444	635	834	951	1136	498	705	926	1048	1240
		70/55	289	416	547	624	750	323	461	607	687	818
		55/45	188	272	358	409	494	210	301	397	450	538
700	650 50	90/70	518	741	973	1109	1325	581	822	1081	1223	1447
		70/55	338	485	638	728	875	377	538	708	802	954
		55/45	220	317	418	477	576	245	351	464	525	628
800	750 50	90/70	592	846	1112	1267	1515	664	939	1235	1397	1654
		70/55	386	555	729	831	1000	431	615	810	917	1090
		55/45	251	363	477	545	659	280	402	530	600	718
900	850 50	90/70	666	952	1251	1426	1704	747	1057	1390	1572	1861
		70/55	434	624	820	935	1125	485	691	911	1031	1227
		55/45	283	408	537	613	741	315	452	596	675	808
1000	950 50	90/70	740	1058	1390	1584	1893	829	1174	1544	1747	2067
		70/55	482	693	911	1039	1250	539	768	1012	1146	1363
		55/45	314	454	597	681	824	350	502	662	751	897
1100	1050 50	90/70	814	1164	1529	1743	2083	912	1292	1698	1921	2274
		70/55	531	763	1002	1143	1374	593	845	1113	1260	1499
		55/45	345	499	656	749	906	385	552	729	826	987
1200	1150 50	90/70	888	1270	1668	1901	2272	995	1409	1853	2096	2481
		70/55	579	832	1094	1247	1499	647	922	1214	1375	1636
		55/45	377	544	716	817	988	420	602	795	901	1077
1400	1350 50	90/70	1036	1481	1946	2218	2651	1161	1644	2162	2445	2894
		70/55	675	971	1276	1455	1749	755	1076	1417	1604	1908
		55/45	440	635	835	953	1153	490	703	927	1051	1256
1600	1550 50	90/70	1184	1693	2224	2535	3029	1327	1879	2470	2795	3308
		70/55	772	1109	1458	1663	1999	863	1229	1619	1833	2181
		55/45	502	726	954	1089	1318	560	803	1060	1201	1436
1800	1750 50	90/70	1332	1905	2502	2852	3408	1493	2114	2779	3144	3721
		70/55	868	1248	1640	1871	2249	970	1383	1822	2062	2453
		55/45	565	816	1074	1226	1482	630	904	1192	1351	1615
2000	1950 50	90/70	1480	2116	2780	3168	3787	1659	2349	3088	3493	4135
		70/55	965	1386	1823	2079	2499	1078	1537	2024	2292	2726
		55/45	628	907	1193	1362	1647	700	1004	1325	1501	1795
2300	2250 50	90/70	1702	2434	3197	3644	4355	1908	2701	3551	4017	
		70/55	1110	1594	2096	2390	2874	1240	1767	2328	2635	
		55/45	722	1043	1372	1566	1894	805	1155	1523	1726	
2600	2550 50	90/70	1924	2751	3614	4119		2157	3053	4014		
		70/55	1254	1802	2369	2702		1402	1998	2631		
		55/45	817	1179	1551	1770		910	1305	1722		
3000	2950 50	90/70	2220	3174	4170			2488	3523			
		70/55	1447	2080	2734			1617	2305			
		55/45	942	1361	1790			1050	1506			

The model KORATHERM HORIZONTAL - M is produced up to the length L = 2000 mm.

BASIC TECHNICAL PARAMETERS

Type	K10H	K11H	K20H	K21H	K22H	K10H	K11H	K20H	K21H	K22H
	K10HM	K11HM	K20HM	K21HM	K22HM	K10HM	K11HM	K20HM	K21HM	K22HM
Height H [mm]	588					662				
Number of profiles i [pcs]	8					9				
Nominal heat output Q _N [W/m]	595	853	1121	1278	1532	666	946	1245	1409	1672
Temperature exponent n [-]	1,2363	1,2223	1,2205	1,2183	1,2010	1,2450	1,2261	1,2210	1,2187	1,2042

For weight and water volume see page 22 and 23.

Characteristic equation: $\Phi_L = K_T \cdot H^b \cdot \Delta T^{(c_0+c_1 \cdot H)}$



KORATHERM® HORIZONTAL, HORIZONTAL - M

HEAT OUTPUT IN WATTS CERTIFIED TO EN 442

20 °C			Type									
			K10H	K11H	K20H	K21H	K22H	K10H	K11H	K20H	K21H	K22H
			K10HM	K11HM	K20HM	K21HM	K22HM	K10HM	K11HM	K20HM	K21HM	K22HM
Height H [mm]			884					958				
Number of profiles i [pcs]			12					13				
Length L [mm]	Connecting pitch h [mm]	t ₁ /t ₂ [°C]	Heat output Q [W]									
500	450 50	90/70	560	754	1002	1101	1284	613	808	1078	1172	1363
		70/55	363	492	655	721	833	396	526	704	768	879
		55/45	234	320	428	472	540	256	343	459	503	566
600	550 50	90/70	673	905	1203	1321	1541	736	969	1294	1406	1635
		70/55	435	590	786	866	1000	476	632	845	922	1055
		55/45	281	384	513	567	647	307	411	551	603	680
700	650 50	90/70	785	1056	1403	1541	1798	859	1131	1510	1641	1908
		70/55	508	689	917	1010	1166	555	737	986	1075	1231
		55/45	328	449	599	661	755	358	480	643	704	793
800	750 50	90/70	897	1206	1603	1761	2055	981	1293	1725	1875	2180
		70/55	580	787	1048	1154	1333	634	842	1127	1229	1407
		55/45	375	513	684	756	863	409	548	735	804	906
900	850 50	90/70	1009	1357	1804	1981	2311	1104	1454	1941	2110	2453
		70/55	653	885	1179	1299	1499	713	948	1268	1383	1583
		55/45	422	577	770	850	971	460	617	827	905	1020
1000	950 50	90/70	1121	1508	2004	2201	2568	1227	1616	2157	2344	2725
		70/55	725	984	1310	1443	1666	793	1053	1409	1536	1758
		55/45	469	641	855	944	1079	511	685	919	1005	1133
1100	1050 50	90/70	1233	1659	2205	2421	2825	1349	1777	2372	2579	2998
		70/55	798	1082	1441	1587	1833	872	1158	1550	1690	1934
		55/45	516	705	941	1039	1187	563	754	1011	1106	1246
1200	1150 50	90/70	1345	1810	2405	2641	3082	1472	1939	2588	2813	3271
		70/55	870	1180	1572	1731	1999	951	1263	1690	1843	2110
		55/45	562	769	1026	1133	1295	614	822	1103	1206	1359
1400	1350 50	90/70	1569	2111	2806	3082	3596	1717	2262	3020	3282	3816
		70/55	1016	1377	1834	2020	2332	1110	1474	1972	2151	2462
		55/45	656	897	1198	1322	1511	716	959	1286	1407	1586
1600	1550 50	90/70	1794	2413	3207	3522		1963	2585	3451	3751	
		70/55	1161	1574	2096	2309		1268	1685	2254	2458	
		55/45	750	1025	1369	1511		818	1096	1470	1608	
1800	1750 50	90/70	2018	2714	3608	3962		2208	2908	3882		
		70/55	1306	1771	2359	2597		1427	1895	2536		
		55/45	844	1153	1540	1700		920	1233	1654		
2000	1950 50	90/70	2242	3016	4009			2454	3232			
		70/55	1451	1967	2621			1585	2106			
		55/45	937	1281	1711			1023	1370			
2300	2250 50	90/70	2578	3468				2822	3716			
		70/55	1668	2262				1823	2422			
		55/45	1078	1474				1176	1576			
2600	2550 50	90/70	2915	3921				3190	4201			
		70/55	1886	2558				2061	2737			
		55/45	1219	1666				1330	1781			
3000	2950 50	90/70	3363	4524				3680				
		70/55	2176	2951				2378				
		55/45	1406	1922				1534				

The model KORATHERM HORIZONTAL - M is produced up to the length L = 2000 mm.

BASIC TECHNICAL PARAMETERS

Type	K10H	K11H	K20H	K21H	K22H	K10H	K11H	K20H	K21H	K22H
	K10HM	K11HM	K20HM	K21HM	K22HM	K10HM	K11HM	K20HM	K21HM	K22HM
Height H [mm]	884					958				
Number of profiles i [pcs]	12					13				
Nominal heat output Q _N [W/m]	898	1213	1614	1775	2060	982	1299	1736	1890	2180
Temperature exponent n [-]	1,2580	1,2349	1,2285	1,2208	1,2510	1,2624	1,2379	1,2311	1,2215	1,2666

For weight and water volume see page 22 and 23.

Characteristic equation: $\Phi_L = K_T \cdot H^b \cdot \Delta T^{(c_0+c_1 \cdot H)}$