THE BEST

MINIB®

... more than just heat

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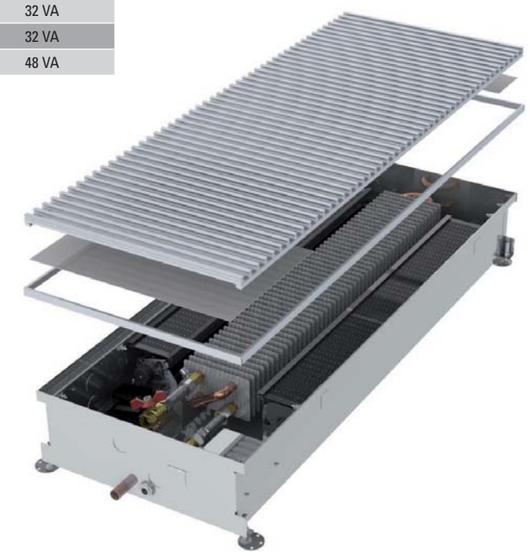
MT2N

ELECTRICAL POWER FOR FANS

DC MOTOR

length	power input
900	16 VA
1000	16 VA
1250	32 VA
1500	32 VA
1750	32 VA
2000	48 VA

TEMPERATURE EXPONENT n = 1,08



The multi-purpose MINIB convector with low power consumption and unique controls.

CHARACTERISTICS

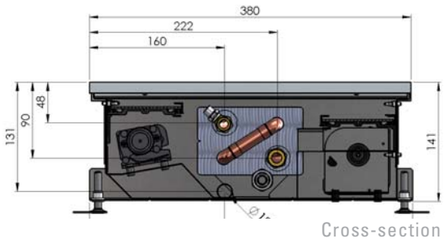
- a new, unique N-coder control element to set up temperature, fan speed, and air flow direction,
- very high output,
- air flow tilting (room/window/ thermal barrier),
- additional heating of dry and humid interiors,
- low power consumption, 12 V DC.

DIMENSIONS

width	380 mm
height	140 mm
length	900–2000 mm
connection	G½"

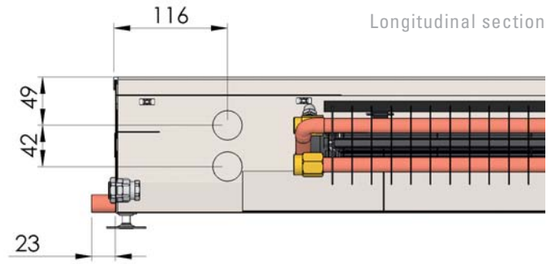
HEAT OUTPUT Q [W]

mean water temperature t_W	air temperature t_A 15	20	22	mean water temperature t_W	air temperature t_A 15	20	22
	length L (mm)		900		length L (mm)		1500
80	1699	1559	1503	80	3397	3116	3004
70	1419	**1280**	1225	70	2836	**2559**	2449
60	1142	1006	952	60	2284	2011	1903
45	737	605	553	45	1474	1210	1106
	15	20	22		15	20	22
	length L (mm)		1000		length L (mm)		1750
80	1982	1818	1753	80	4106	3766	3631
70	1655	**1493**	1429	70	3428	**3093**	2960
60	1332	1173	1110	60	2760	2431	2300
45	860	706	645	45	1781	1463	1337
	15	20	22		15	20	22
	length L (mm)		1250		length L (mm)		2000
80	2690	2467	2378	80	4814	4415	4256
70	2246	**2026**	1939	70	4019	**3626**	3470
60	1808	1592	1506	60	3236	2849	2696
45	1167	958	876	45	2088	1715	1567



Cross-section

Longitudinal section



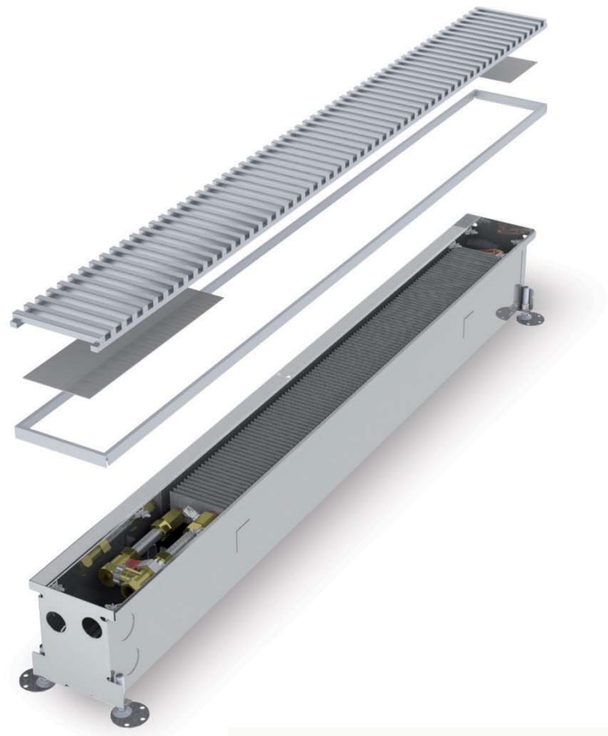
COIL-KT0

ELECTRICAL POWER FOR FANS

DC MOTOR

length	power input
900	4 VA
1000	4 VA
1250	8 VA
1500	8 VA
1750	8 VA
2000	12 VA
2500	12 VA
3000	16 VA

TEMPERATURE EXPONENT n = 1,107577



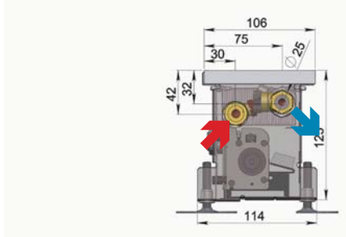
Narrowest floor convector with a fan of the MINIB company

CHARACTERISTICS

- high forced convection heating efficiency
- rapidly reacting heating unit
- heats even when the fan is turned off
- low electrical energy consumption
- safe 12V DC voltage
- simple control

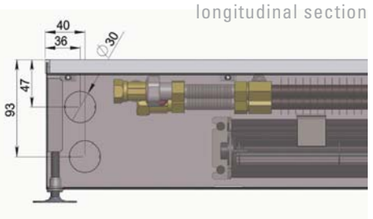
DIMENSIONS

width	106 mm
height	125 mm
length	900 to 3000 mm
connection	G3/8"



cross-section

longitudinal section



THERMAL OUTPUT Q [W]

mean water temperature t_w	Level 1 minimum r.p.m.			Level 2 medium r.p.m.			Level 3 maximum r.p.m.		
	air temperature t_A			air temperature t_A			air temperature t_A		
	15	20	22	15	20	22	15	20	22
	length L (mm)		900	length L (mm)		900	length L (mm)		900
80	400	366	353	478	437	421	617	565	544
70	333	**299**	286	397	**357**	342	513	**462**	441
60	266	234	221	318	279	264	411	360	341
45	170	139	127	203	166	151	262	214	195
	15	20	22	15	20	22	15	20	22
	length L (mm)		1000	length L (mm)		1000	length L (mm)		1000
80	467	427	412	557	510	491	720	659	635
70	388	**349**	334	463	**417**	398	598	**538**	515
60	311	273	258	371	326	308	479	421	397
45	198	162	148	237	193	176	306	250	228
	15	20	22	15	20	22	15	20	22
	length L (mm)		1250	length L (mm)		1250	length L (mm)		1250
80	634	580	559	757	692	667	977	894	861
70	527	**474**	453	629	**566**	541	812	**731**	698
60	422	370	350	503	442	418	650	571	539
45	269	220	201	321	263	239	415	339	309
	15	20	22	15	20	22	15	20	22
	length L (mm)		1500	length L (mm)		1500	length L (mm)		1500
80	801	733	706	956	875	842	1 234	1 130	1 088
70	665	**599**	572	794	**715**	683	1 026	**923**	882
60	533	468	442	636	558	527	821	721	681
45	340	278	253	406	332	302	524	428	391
	15	20	22	15	20	22	15	20	22
	length L (mm)		1750	length L (mm)		1750	length L (mm)		1750
80	967	885	853	1 155	1 057	1 018	1 492	1 365	1 315
70	804	**723**	691	960	**864**	825	1 240	**1 115**	1 066
60	644	565	534	768	674	637	993	871	823
45	411	336	306	490	401	365	633	518	472
	15	20	22	15	20	22	15	20	22
	length L (mm)		2000	length L (mm)		2000	length L (mm)		2000
80	1 134	1 038	1 000	1 354	1 239	1 193	1 749	1 600	1 541
70	943	**848**	811	1 125	**1 012**	968	1 453	**1 308**	1 250
60	755	662	626	901	791	747	1 164	1 021	965
45	482	394	359	575	470	428	743	607	553
	15	20	22	15	20	22	15	20	22
	length L (mm)		2500	length L (mm)		2500	length L (mm)		2500
80	1 468	1 343	1 294	1 752	1 603	1 544	2 263	2 071	1 995
70	1 220	**1 098**	1 049	1 456	**1 310**	1 252	1 881	**1 692**	1 618
60	977	857	810	1 166	1 023	967	1 506	1 322	1 249
45	623	509	464	744	608	554	961	785	716
	15	20	22	15	20	22	15	20	22
	length L (mm)		3000	length L (mm)		3000	length L (mm)		3000
80	1 801	1 649	1 588	2 150	1 968	1 895	2 777	2 542	2 448
70	1 497	**1 347**	1 288	1 787	**1 608**	1 537	2 308	**2 077**	1 985
60	1 199	1 052	994	1 431	1 256	1 187	1 848	1 622	1 533
45	765	625	570	913	746	680	1 180	964	879

COIL-T50

ELECTRICAL POWER FOR FANS

DC MOTOR

length	power input
900	4 VA
1000	4 VA
1250	8 VA
1500	8 VA
1750	8 VA
2000	12 VA
2500	12 VA
3000	16 VA

TEMPERATURE EXPONENT n = 0,995571

Unique convector in the global market. Unsurpassed height of only 50 mm.

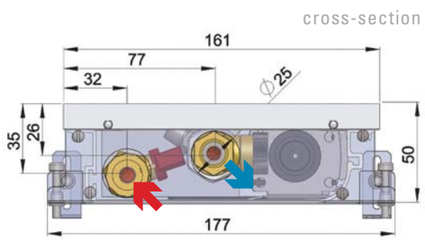
CHARACTERISTICS

- suitable for interiors with the requirement of lowest structural height
- very high forced convection heating efficiency
- rapidly reacting heating unit
- heats even when the fan is turned off
- low electrical energy consumption
- safe 12V DC voltage
- simple control

DIMENSIONS

width	161 mm
height	50 mm
length	900 to 3000 mm
connection	G3/8“

cross-section



THERMAL OUTPUT Q [W]

mean water temperature t_w	Level 1 minimum r.p.m.			Level 2 medium r.p.m.			Level 3 maximum r.p.m.		
	air temperature t_A			air temperature t_A			air temperature t_A		
	15	20	22	15	20	22	15	20	22
	length L (mm)		900	length L (mm)		900	length L (mm)		900
80	390	360	348	503	464	449	729	673	651
70	330	**300**	288	426	**387**	372	617	**561**	539
60	270	240	228	349	310	295	506	450	427
45	180	150	138	233	194	179	338	282	259
	15	20	22	15	20	22	15	20	22
	length L (mm)		1000	length L (mm)		1000	length L (mm)		1000
80	454	420	406	586	541	524	851	785	759
70	385	**350**	336	497	**452**	434	720	**655**	629
60	315	280	266	407	362	344	590	525	498
45	210	176	162	272	226	208	394	329	302
	15	20	22	15	20	22	15	20	22
	length L (mm)		1250	length L (mm)		1250	length L (mm)		1250
80	617	570	551	796	735	710	1 154	1 066	1 030
70	522	**475**	456	674	**613**	588	977	**889**	854
60	428	380	361	552	491	466	800	712	676
45	286	238	219	369	307	283	535	446	410
	15	20	22	15	20	22	15	20	22
	length L (mm)		1500	length L (mm)		1500	length L (mm)		1500
80	779	719	696	1 005	928	897	1 458	1 346	1 302
70	660	**600**	576	851	**774**	743	1 235	**1 123**	1 078
60	540	480	457	697	620	589	1 011	899	854
45	361	301	277	466	388	357	675	563	518
	15	20	22	15	20	22	15	20	22
	length L (mm)		1750	length L (mm)		1750	length L (mm)		1750
80	941	869	840	1 215	1 122	1 084	1 762	1 627	1 573
70	797	**725**	696	1 029	**935**	898	1 492	**1 357**	1 303
60	653	581	552	842	749	712	1 222	1 087	1 032
45	436	364	335	563	469	432	816	680	626
	15	20	22	15	20	22	15	20	22
	length L (mm)		2000	length L (mm)		2000	length L (mm)		2000
80	1 104	1 019	985	1 424	1 315	1 271	2 066	1 907	1 844
70	935	**850**	816	1 206	**1 097**	1 053	1 749	**1 591**	1 527
60	765	681	647	988	878	835	1 432	1 274	1 210
45	511	426	392	660	550	506	957	798	734
	15	20	22	15	20	22	15	20	22
	length L (mm)		2500	length L (mm)		2500	length L (mm)		2500
80	1 428	1 319	1 275	1 843	1 702	1 645	2 673	2 468	2 386
70	1 209	**1 100**	1 056	1 561	**1 419**	1 363	2 263	**2 059**	1 977
60	990	881	837	1 278	1 137	1 080	1 854	1 648	1 566
45	661	552	508	854	712	655	1 238	1 032	950
	15	20	22	15	20	22	15	20	22
	length L (mm)		3000	length L (mm)		3000	length L (mm)		3000
80	1 753	1 619	1 565	2 262	2 089	2 019	3 281	3 029	2 929
70	1 484	**1 350**	1 296	1 915	**1 742**	1 673	2 778	**2 526**	2 426
60	1 216	1 081	1 027	1 568	1 395	1 325	2 275	2 023	1 922
45	812	677	623	1 047	874	804	1 519	1 267	1 166

COIL-HCM

ELECTRICAL POWER FOR FANS

DC MOTOR

length	power input
900	26 VA
1000	51 VA
1250	51 VA
1500	51 VA
1750	76 VA
2000	76 VA

TEMPERATURE EXPONENT FOR HEATING/COOLING

n = 0,9738/ 1

Most efficient floor convector of the MINIB company

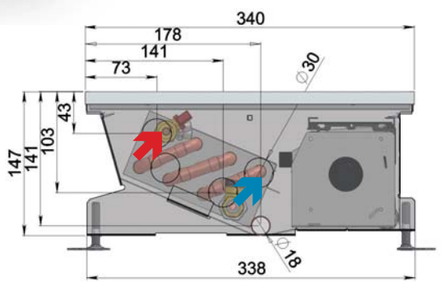
Suitable for interiors with requirements of high heating output or for cooling

CHARACTERISTICS

- single circuit connection
- rapidly reacting heating unit
- heats even when the fan is turned off
- very high forced convection heating efficiency
- safe 12 V DC voltage
- simple control

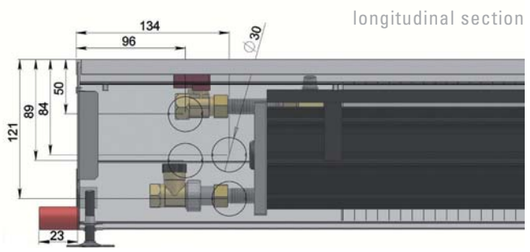
DIMENSIONS

width	340 mm
height	147 mm
length	900 to 2000 mm
connection	G3/8"



cross-section

longitudinal section



THERMAL OUTPUT Q [W]

mean water temperature t_w

	Level 1 min. r.p.m.				Level 2 medium r.p.m.				Level 3 max. r.p.m.			
	air temperature t_A				air temperature t_A				air temperature t_A			
	15	20	22		15	20	22		15	20	22	
	length L (mm)		900		length L (mm)		900		length L (mm)		900	
80	1 999	1 849	1 789	80	2 424	2 243	2 170	80	3 008	2 782	2 692	80
70	1 699	**1 549**	1 488	70	2 060	**1 878**	1 805	70	2 556	**2 330**	2 239	70
60	1 398	1 246	1 185	60	1 695	1 511	1 437	60	2 103	1 875	1 783	60
45	942	788	727	45	1 142	956	882	45	1 417	1 186	1 094	45
	15	20	22		15	20	22		15	20	22	
	length L (mm)		1000		length L (mm)		1000		length L (mm)		1000	
80	2 332	2 158	2 088	80	2 828	2 616	2 531	80	3 509	3 246	3 141	80
70	1 982	**1 807**	1 736	70	2 404	**2 191**	2 105	70	2 982	**2 718**	2 612	70
60	1 630	1 454	1 383	60	1 977	1 763	1 677	60	2 453	2 187	2 081	60
45	1 099	920	848	45	1 332	1 115	1 028	45	1 653	1 384	1 276	45
	15	20	22		15	20	22		15	20	22	
	length L (mm)		1250		length L (mm)		1250		length L (mm)		1250	
80	3 166	2 928	2 833	80	3 839	3 551	3 435	80	4 762	4 405	4 262	80
70	2 690	**2 452**	2 356	70	3 262	**2 973**	2 857	70	4 047	**3 689**	3 545	70
60	2 213	1 973	1 877	60	2 683	2 392	2 276	60	3 329	2 968	2 824	60
45	1 491	1 248	1 151	45	1 808	1 514	1 396	45	2 243	1 878	1 732	45
	15	20	22		15	20	22		15	20	22	
	length L (mm)		1500		length L (mm)		1500		length L (mm)		1500	
80	3 999	3 699	3 579	80	4 849	4 485	4 339	80	6 016	5 565	5 384	80
70	3 398	**3 097**	2 976	70	4 121	**3 755**	3 609	70	5 113	**4 659**	4 478	70
60	2 795	2 492	2 371	60	3 389	3 022	2 875	60	4 205	3 749	3 567	60
45	1 883	1 577	1 454	45	2 284	1 912	1 763	45	2 833	2 372	2 187	45
	15	20	22		15	20	22		15	20	22	
	length L (mm)		1750		length L (mm)		1750		length L (mm)		1750	
80	4 832	4 469	4 324	80	5 859	5 420	5 244	80	7 269	6 724	6 506	80
70	4 106	**3 742**	3 596	70	4 979	**4 538**	4 361	70	6 178	**5 630**	5 411	70
60	3 377	3 011	2 865	60	4 095	3 652	3 474	60	5 081	4 531	4 310	60
45	2 276	1 905	1 757	45	2 759	2 311	2 130	45	3 424	2 867	2 643	45
	15	20	22		15	20	22		15	20	22	
	length L (mm)		2000		length L (mm)		2000		length L (mm)		2000	
80	5 665	5 240	5 070	80	6 869	6 354	6 148	80	8 522	7 883	7 627	80
70	4 814	**4 387**	4 216	70	5 838	**5 320**	5 113	70	7 243	**6 601**	6 344	70
60	3 960	3 531	3 359	60	4 801	4 281	4 073	60	5 957	5 312	5 053	60
45	2 668	2 234	2 060	45	3 235	2 709	2 498	45	4 014	3 361	3 099	45

COOLING OUTPUT Q [W]

mean water temperature t_w

	Level 2 medium r.p.m.					Level 3 max. r.p.m.				
	air temperature t_A					air temperature t_A				
	24	25	26	27		24	25	26	27	
	length L (mm)			900		length L (mm)			900	
9	571	609	**647**	685	9	666	711	**755**	800	9
11	495	533	571	609	11	578	622	666	711	11
13	419	457	495	533	13	489	533	578	622	13
15	342	381	419	457	15	400	444	489	533	15
16	304	342	381	419	16	355	400	444	489	16
	24	25	26	27		24	25	26	27	
	length L (mm)			1000		length L (mm)			1000	
9	666	710	**755**	799	9	778	829	**881**	933	9
11	577	622	666	710	11	674	726	778	829	11
13	488	533	577	622	13	570	622	674	726	13
15	400	444	488	533	15	467	518	570	622	15
16	355	400	444	488	16	415	467	518	570	16
	24	25	26	27		24	25	26	27	
	length L (mm)			1250		length L (mm)			1250	
9	904	964	**1 024**	1 084	9	1 055	1 126	**1 196**	1 266	9
11	783	843	904	964	11	915	985	1 055	1 126	11
13	663	723	783	843	13	774	844	915	985	13
15	542	602	663	723	15	633	703	774	844	15
16	482	542	602	663	16	563	633	703	774	16
	24	25	26	27		24	25	26	27	
	length L (mm)			1500		length L (mm)			1500	
9	1 142	1 218	**1 294**	1 370	9	1 333	1 422	**1 511**	1 599	9
11	989	1 065	1 142	1 218	11	1 155	1 244	1 333	1 422	11
13	837	913	989	1 065	13	977	1 066	1 155	1 244	13
15	685	761	837	913	15	800	889	977	1 066	15
16	609	685	761	837	16	711	800	889	977	16
	24	25	26	27		24	25	26	27	
	length L (mm)			1750		length L (mm)			1750	
9	1 379	1 471	**1 563**	1 655	9	1 611	1 718	**1 825**	1 933	9
11	1 195	1 287	1 379	1 471	11	1 396	1 503	1 611	1 718	11
13	1 012	1 104	1 195	1 287	13	1 181	1 288	1 396	1 503	13
15	828	920	1 012	1 104	15	966	1 074	1 181	1 288	15
16	736	828	920	1 012	16	859	966	1 074	1 181	16
	24	25	26	27		24	25	26	27	
	length L (mm)			2000		length L (mm)			2000	
9	1 617	1 725	**1 833**	1 941	9	1 888	2 014	**2 140**	2 266	9
11	1 402	1 509	1 617	1 725	11	1 637	1 762	1 888	2 014	11
13	1 186	1 294	1 402	1 509	13	1 385	1 511	1 637	1 762	13
15	970	1 078	1 186	1 294	15	1 133	1 259	1 385	1 511	15
16	863	970	1 078	1 186	16	1 007	1 133	1 259	1 385	16

COIL-HCM4pipe

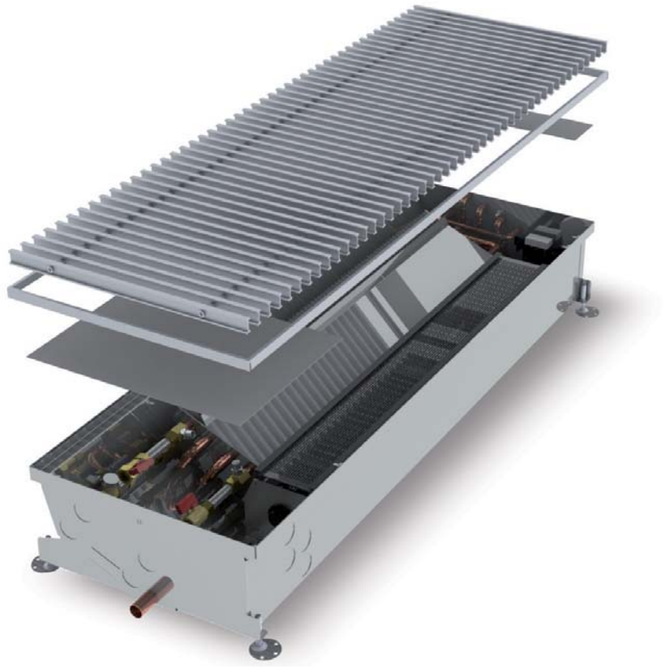
ELECTRICAL POWER FOR FANS

DC MOTOR

length	power input
900	26 VA
1000	51 VA
1250	51 VA
1500	51 VA
1750	76 VA
2000	76 VA

TEMPERATURE EXPONENT FOR HEATING/COOLING

n = 1,0592/ 1



Most effi cient fl oor convector of the MINIB range with two-circuit system for heating and cooling.

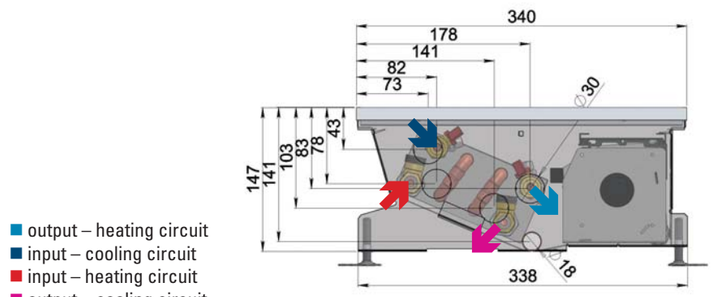
The two-circuit connection permits use of the heating and cooling circuits separately.

CHARACTERISTICS

- two-circuit connection
- rapidly reacting heating unit
- heats even when the fan is turned off
- very high forced convection heating efficiency
- safe 12 V DC voltage
- simple control

DIMENSIONS

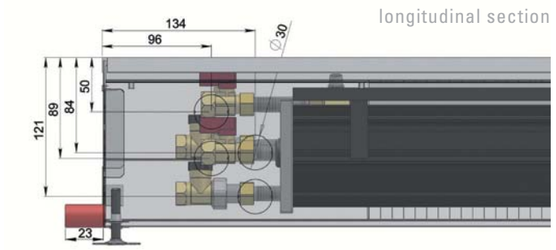
width	340 mm
height	147 mm
length	900 to ˝2000 mm
connection	G 3/8˝



- output – heating circuit
- input – cooling circuit
- input – heating circuit
- output – cooling circuit

cross-section

longitudinal section



THERMAL OUTPUT Q [W]

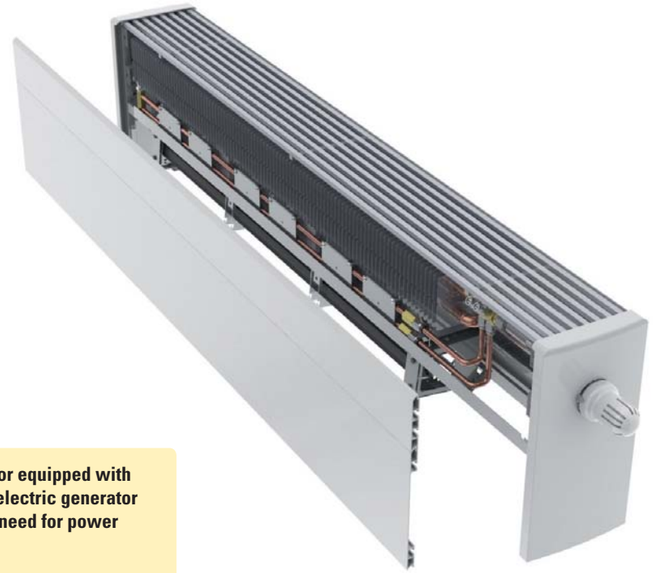
mean water temperature t_w	Level 1 min. r.p.m.				Level 2 medium r.p.m.				Level 3 max. r.p.m.			
	air temperature t_A				air temperature t_A				air temperature t_A			
	15	20	22		15	20	22		15	20	22	
	length L (mm)		900		length L (mm)		900		length L (mm)		900	
80	1 110	1 020	984	80	1 242	1 141	1 101	80	1 396	1 283	1 237	80
70	930	**841**	805	70	1 040	**941**	901	70	1 170	**1 057**	1 013	70
60	752	664	629	60	841	743	703	60	946	835	791	60
45	490	404	369	45	548	451	413	45	616	507	465	45
	15	20	22		15	20	22		15	20	22	
	length L (mm)		1000		length L (mm)		1000		length L (mm)		1000	
80	1 295	1 190	1 148	80	1 449	1 331	1 284	80	1 629	1 496	1 444	80
70	1 085	**981**	940	70	1 214	**1 097**	1 051	70	1 365	**1 234**	1 181	70
60	877	775	734	60	981	866	821	60	1 103	974	922	60
45	672	571	531	45	752	639	594	45	845	718	668	45
	15	20	22		15	20	22		15	20	22	
	length L (mm)		1250		length L (mm)		1250		length L (mm)		1250	
80	1 758	1 615	1 558	80	1 966	1 806	1 743	80	2 210	2 031	1 959	80
70	1 473	**1 331**	1 275	70	1 647	**1 489**	1 426	70	1 852	**1 674**	1 603	70
60	1 191	1 051	996	60	1 332	1 176	1 114	60	1 497	1 322	1 252	60
45	775	639	585	45	867	715	654	45	975	803	736	45
	15	20	22		15	20	22		15	20	22	
	length L (mm)		1500		length L (mm)		1500		length L (mm)		1500	
80	2 221	2 040	1 968	80	2 484	2 282	2 201	80	2 792	2 565	2 475	80
70	1 861	**1 682**	1 611	70	2 081	**1 881**	1 801	70	2 339	**2 115**	2 025	70
60	1 504	1 328	1 258	60	1 682	1 485	1 407	60	1 891	1 670	1 581	60
45	979	807	739	45	1 095	903	826	45	1 231	1 015	929	45
	15	20	22		15	20	22		15	20	22	
	length L (mm)		1750		length L (mm)		1750		length L (mm)		1750	
80	2 683	2 465	2 378	80	3 001	2 757	2 660	80	3 374	3 100	2 990	80
70	2 248	**2 032**	1 946	70	2 514	**2 273**	2 177	70	2 827	**2 555**	2 447	70
60	1 818	1 604	1 520	60	2 033	1 795	1 700	60	2 285	2 017	1 911	60
45	1 183	975	893	45	1 323	1 091	999	45	1 488	1 226	1 123	45
	15	20	22		15	20	22		15	20	22	
	length L (mm)		2000		length L (mm)		2000		length L (mm)		2000	
80	3 146	2 890	2 788	80	3 519	3 233	3 119	80	3 956	3 634	3 506	80
70	2 636	**2 383**	2 282	70	2 948	**2 665**	2 552	70	3 314	**2 996**	2 869	70
60	2 131	1 881	1 782	60	2 383	2 104	1 993	60	2 680	2 365	2 240	60
45	1 387	1 143	1 047	45	1 551	1 279	1 171	45	1 744	1 438	1 316	45

COOLING OUTPUT Q [W]

mean water temperature t_w	Level 2 medium r.p.m.					Level 3 max. r.p.m.				
	air temperature t_A					air temperature t_A				
	24	25	26	27		24	25	26	27	
	length L (mm)			900		length L (mm)			900	
9	479	511	**543**	575	9	624	666	**708**	749	9
11	415	447	479	511	11	541	583	624	666	11
13	351	383	415	447	13	458	499	541	583	13
15	287	319	351	383	15	375	416	458	499	15
16	255	287	319	351	16	333	375	416	458	16
	24	25	26	27		24	25	26	27	
	length L (mm)			1000		length L (mm)			1000	
9	559	596	**633**	670	9	728	777	**826**	874	9
11	484	521	559	596	11	631	680	728	777	11
13	410	447	484	521	13	534	583	631	680	13
15	335	372	410	447	15	437	486	534	583	15
16	298	335	372	410	16	388	437	486	534	16
	24	25	26	27		24	25	26	27	
	length L (mm)			1250		length L (mm)			1250	
9	758	809	**859**	910	9	989	1 054	**1 120**	1 186	9
11	657	708	758	809	11	857	923	989	1 054	11
13	556	606	657	708	13	725	791	857	923	13
15	455	505	556	606	15	593	659	725	791	15
16	404	455	505	556	16	527	593	659	725	16
	24	25	26	27		24	25	26	27	
	length L (mm)			1500		length L (mm)			1500	
9	958	1 021	**1 085**	1 149	9	1 249	1 332	**1 415**	1 498	9
11	830	894	958	1 021	11	1 082	1 165	1 249	1 332	11
13	702	766	830	894	13	916	999	1 082	1 165	13
15	575	638	702	766	15	749	832	916	999	15
16	511	575	638	702	16	666	749	832	916	16
	24	25	26	27		24	25	26	27	
	length L (mm)			1750		length L (mm)			1750	
9	1 157	1 234	**1 311**	1 389	9	1 509	1 609	**1 710**	1 811	9
11	1 003	1 080	1 157	1 234	11	1 308	1 408	1 509	1 609	11
13	849	926	1 003	1 080	13	1 106	1 207	1 308	1 408	13
15	694	771	849	926	15	905	1 006	1 106	1 207	15
16	617	694	771	849	16	805	905	1 006	1 106	16
	24	25	26	27		24	25	26	27	
	length L (mm)			2000		length L (mm)			2000	
9	1 357	1 447	**1 538**	1 628	9	1 769	1 887	**2 005**	2 123	9
11	1 176	1 266	1 357	1 447	11	1 533	1 651	1 769	1 887	11
13	995	1 085	1 176	1 266	13	1 297	1 415	1 533	1 651	13
15	814	904	995	1 085	15	1 061	1 179	1 297	1 415	15
16	724	814	904	995	16	943	1 061	1 179	1 297	16

Regulation with thermostatic head.

COIL-SK-PTG



Convector equipped with thermo-electric generator without need for power supply.

Suitable for interiors without power supply or where the most efficient solution is required in terms of power supply.

HEAT OUTPUT Q [W]

	air temperature t_A		
	15	20	22
	length L (mm)		1000
80	1 610	1 503	1 460
70	1 395	**1 288**	1 245
60	1 108	1 007	967
50	554	475	443
	15	20	22
	length L (mm)		1250
80	2 098	1 958	1 902
70	1 818	**1 678**	1 622
60	1 447	1 315	1 262
50	734	629	587
	15	20	22
	length L (mm)		1500
80	2 659	2 482	2 411
70	2 304	**2 127**	2 056
60	1 836	1 669	1 602
50	933	800	747
	15	20	22
	length L (mm)		1750
80	3 132	2 923	2 839
70	2 714	**2 505**	2 422
60	2 158	1 962	1 884
50	1 083	928	866
	15	20	22
	length L (mm)		2000
80	3 572	3 334	3 239
70	3 096	**2 858**	2 763
60	2 465	2 241	2 151
50	1 239	1 062	991

CHARACTERISTICS

- high forced convection output
- short response time
- zero power supply
- silent operation

DIMENSIONS

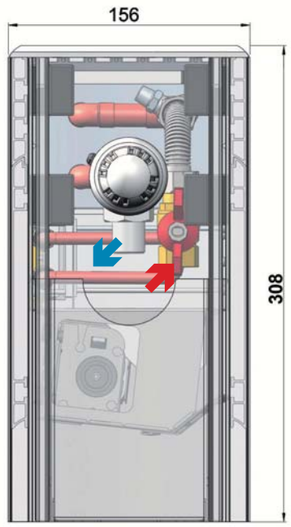
width	156 mm
height	308 mm
length	1000 to 2000 mm
connection	G½"

COLOR DESIGN

ANODIZED	silver light bronze dark bronze
PAINTED	RAL 9016 semi-gloss (white)

INFO: decorative convector grille must not be loaded or covered.

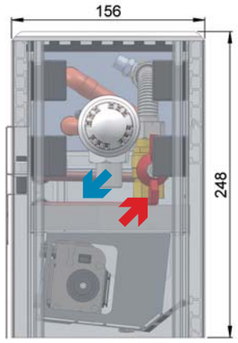
cross section



Regulation with thermostatic head.

COIL-NK PTG

cross section



COLOR DESIGN

ANODIZED	silver light bronze dark bronze
PAINTED	RAL 9016 semi-gloss (white)

INFO: decorative convector grille must not be loaded or covered.

Convector equipped with thermo-electric generator without need for power supply.

Suitable for interiors without power supply. This is the most efficient convector in terms of power supply.

CHARACTERISTICS

- high forced convection output
- short response time
- zero power supply
- silent operation

DIMENSIONS

width	156 mm
height	248 mm
length	1000 to 2000 mm
connection	G½"

HEAT OUTPUT Q [W]

	air temperature t_A		
	15	20	22
	length L (mm)		1000
80	1 610	1 503	1 460
70	1 395	**1 288**	1 245
60	1 108	1 007	967
45	554	475	443
	15	20	22
	length L (mm)		1250
80	2 098	1 958	1 902
70	1 818	**1 678**	1 622
60	1 447	1 315	1 262
45	734	629	587
	15	20	22
	length L (mm)		1500
80	2 659	2 482	2 411
70	2 304	**2 127**	2 056
60	1 836	1 669	1 602
45	933	800	747
	15	20	22
	length L (mm)		1750
80	3 132	2 923	2 839
70	2 714	**2 505**	2 422
60	2 158	1 962	1 884
45	1 083	928	866
	15	20	22
	length L (mm)		2000
80	3 572	3 334	3 239
70	3 096	**2 858**	2 763
60	2 465	2 241	2 151
45	1 239	1 062	991

COIL-KZ

Recommended regulation
EB-A, EB-B, or EB-C

KZ 60 ELECTRIC POWER INPUT FOR FANS

DC MOTOR

length	power input
900	4 VA
1000	4 VA
1250	8 VA
1500	8 VA
1750	8 VA
2000	12 VA

HEAT OUTPUT Q [W] KZ 60

mean water temperature t_w	Level 1 minimum r.p.m.			Level 2 medium r.p.m.			Level 3 maximum r.p.m.		
	air temperature t_A			air temperature t_A			air temperature t_A		
	15	20	22	15	20	22	15	20	22
	length L (mm)		900	length L (mm)		900	length L (mm)		900
80	584	536	517	690	634	612	897	824	795
70	489	**442**	423	578	**522**	500	751	**678**	649
60	395	348	330	467	412	390	606	535	506
45	256	211	193	303	249	228	394	324	297
	15	20	22	15	20	22	15	20	22
	length L (mm)		1000	length L (mm)		1000	length L (mm)		1000
80	681	626	603	806	740	713	1 047	961	927
70	570	**515**	493	674	**609**	583	876	**791**	758
60	460	406	384	544	480	455	707	624	591
45	299	246	225	353	291	266	459	378	346
	15	20	22	15	20	22	15	20	22
	length L (mm)		1250	length L (mm)		1250	length L (mm)		1250
80	924	849	819	1 093	1 004	968	1 420	1 304	1 258
70	774	**699**	669	915	**827**	791	1 189	**1 074**	1 028
60	625	551	522	739	652	617	960	847	802
45	406	334	306	480	395	361	623	513	470
	15	20	22	15	20	22	15	20	22
	length L (mm)		1500	length L (mm)		1500	length L (mm)		1500
80	1 168	1 072	1 034	1 381	1 268	1 223	1 794	1 647	1 589
70	977	**883**	845	1 156	**1 044**	1 000	1 502	**1 357**	1 299
60	789	696	659	933	823	779	1 213	1 070	1 013
45	512	422	386	606	499	457	787	648	593
	15	20	22	15	20	22	15	20	22
	length L (mm)		1750	length L (mm)		1750	length L (mm)		1750
80	1 411	1 296	1 250	1 669	1 532	1 478	2 168	1 991	1 920
70	1 181	**1 067**	1 022	1 397	**1 262**	1 208	1 814	**1 639**	1 569
60	954	841	796	1 128	995	942	1 465	1 292	1 224
45	619	510	466	732	603	552	951	783	717
	15	20	22	15	20	22	15	20	22
	length L (mm)		2000	length L (mm)		2000	length L (mm)		2000
80	1 654	1 519	1 465	1 956	1 796	1 733	2 542	2 334	2 251
70	1 385	**1 251**	1 198	1 637	**1 479**	1 416	2 127	**1 922**	1 840
60	1 118	986	934	1 322	1 166	1 104	1 718	1 515	1 435
45	726	598	547	858	707	647	1 115	918	840

KZ 91 ELECTRIC POWER INPUT FOR FANS

DC MOTOR

length	power input
900	12 VA
1000	12 VA
1250	24 VA
1500	24 VA
1750	24 VA
2000	36 VA

Built-in convector for installation in walls with front panel.

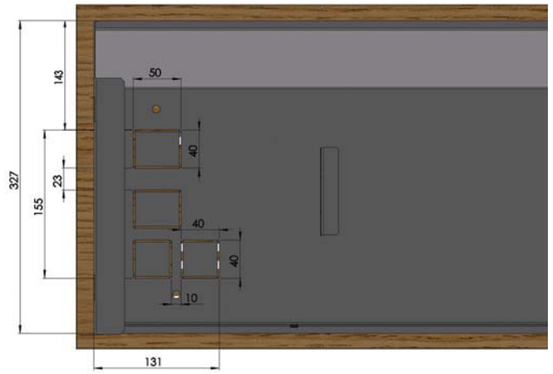
For use in spaces with low build-in depth. Suitable for interiors with increased esthetic demands. Provides increased user comfort.

CHARACTERISTICS

- high forced convection heating output
- quick response heating element
- low power consumption
- safe voltage 12 V DC
- easy control
- choice of stainless or wooden front panel

DIMENSIONS

width	60 a 91 mm
height	328 mm (Panel 360 mm)
length	900 to 2000 mm
connection	G½“

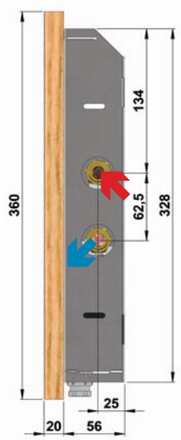


longitudinal section

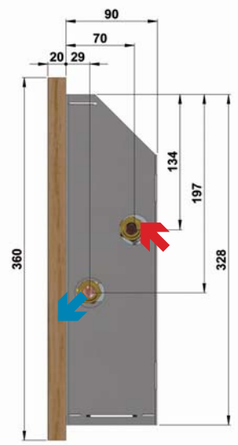
wood - oak without surface treatment

stainless matt

cross section COIL-KZ 60



cross section COIL-KZ 91



HEAT OUTPUT Q [W] KZ 91

mean water temperature t_w	Level 1 minimum r.p.m.			Level 2 medium r.p.m.			Level 3 maximum r.p.m.		
	air temperature t_A			air temperature t_A			air temperature t_A		
	15	20	22	15	20	22	15	20	22
	length L (mm)		900	length L (mm)		900	length L (mm)		900
80	1 441	1 320	1 272	1 550	1 420	1 368	1 872	1 715	1 653
70	1 201	**1 082**	1 035	1 291	**1 164**	1 113	1 560	**1 406**	1 344
60	965	848	802	1 037	912	862	1 253	1 102	1 042
45	619	508	463	666	546	498	805	659	602
	15	20	22	15	20	22	15	20	22
	length L (mm)		1000	length L (mm)		1000	length L (mm)		1000
80	1 681	1 541	1 485	1 808	1 657	1 596	2 184	2 001	1 928
70	1 401	**1 262**	1 207	1 506	**1 358**	1 298	1 820	**1 640**	1 568
60	1 125	989	936	1 210	1 064	1 006	1 462	1 285	1 215
45	723	592	541	777	637	581	939	769	702
	15	20	22	15	20	22	15	20	22
	length L (mm)		1250	length L (mm)		1250	length L (mm)		1250
80	2 282	2 091	2 015	2 454	2 248	2 166	2 964	2 716	2 617
70	1 901	**1 713**	1 639	2 044	**1 842**	1 762	2 469	**2 225**	2 128
60	1 527	1 343	1 270	1 642	1 444	1 365	1 984	1 744	1 649
45	981	804	734	1 055	864	789	1 274	1 044	953
	15	20	22	15	20	22	15	20	22
	length L (mm)		1500	length L (mm)		1500	length L (mm)		1500
80	2 882	2 641	2 545	3 099	2 840	2 737	3 743	3 430	3 306
70	2 402	**2 164**	2 070	2 582	**2 327**	2 226	3 119	**2 811**	2 688
60	1 929	1 696	1 604	2 074	1 824	1 725	2 506	2 203	2 083
45	1 239	1 015	927	1 332	1 092	997	1 609	1 319	1 204
	15	20	22	15	20	22	15	20	22
	length L (mm)		1750	length L (mm)		1750	length L (mm)		1750
80	3 483	3 191	3 075	3 745	3 431	3 307	4 523	4 145	3 994
70	2 902	**2 615**	2 501	3 120	**2 812**	2 689	3 769	**3 397**	3 249
60	2 331	2 050	1 938	2 506	2 204	2 084	3 028	2 662	2 517
45	1 497	1 227	1 120	1 610	1 319	1 204	1 945	1 594	1 455
	15	20	22	15	20	22	15	20	22
	length L (mm)		2000	length L (mm)		2000	length L (mm)		2000
80	4 083	3 741	3 605	4 391	4 023	3 877	5 303	4 859	4 683
70	3 402	**3 066**	2 932	3 658	**3 297**	3 153	4 419	**3 982**	3 809
60	2 733	2 403	2 272	2 939	2 584	2 443	3 549	3 121	2 951
45	1 755	1 438	1 313	1 887	1 547	1 412	2 280	1 868	1 706

COIL-DS

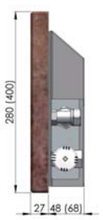
A unique design convector combining the benefits of convection and radiation with a GRANITE front panel.

CHARACTERISTICS

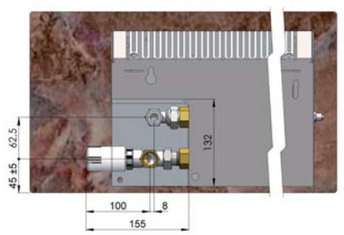
- high natural convection output
- significant share of radiation component
- increased user comfort
- intended for installation on the wall of a room
- short response time

DIMENSIONS

width	75 and 95 mm
height	280 and 400 mm
length	1150 and 1350 mm
connection	G½“



Cross-section



Longitudinal section

HEAT OUTPUT Q [W]

mean water temperature t_W	DS 280 width 75 mm			DS 400 width 95 mm		
	air temperature t_A			air temperature t_A		
	15	20	22	15	20	22
	length L (mm)		1150	length L (mm)		1150
80	529	473	451	917	815	775
70	419	**367**	346	717	**623**	587
60	317	269	250	533	448	416
45	180	139	124	293	224	198
	15	20	22	15	20	22
	length L (mm)		1350	length L (mm)		1350
80	654	585	558	1 113	1 007	958
70	518	**453**	428	886	**770**	725
60	391	332	309	659	554	514
45	222	172	153	363	277	245
	15	20	22	15	20	22

COIL-PS

A unique design convector combining the benefits of convection and radiation with a COMPOSITE front panel.

CHARACTERISTICS

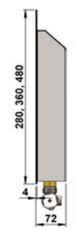
- high natural convection output
- short response time
- increased user comfort
- intended for installation on the wall of a room
- possibility of own design selection

HEAT OUTPUT Q [W]

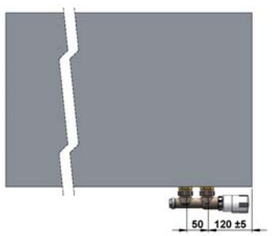
mean water temperature t_W	PS 280/2 width 72mm			PS 360/4 width 72mm			PS 480/4 width 72mm		
	air temperature t_A			air temperature t_A			air temperature t_A		
	15	20	22	15	20	22	15	20	22
	length L (mm)		1000	length L (mm)		1000	length L (mm)		1000
80	559	502	480	744	666	636	875	783	746
70	447	**394**	373	591	**518**	489	693	**606**	572
60	342	292	273	448	380	354	523	443	413
45	199	156	139	256	199	177	296	229	204
	15	20	22	15	20	22	15	20	22
	length L (mm)		1250	length L (mm)		1250	length L (mm)		1250
80	759	682	652	1 010	904	863	1 188	1 062	1 013
70	607	**534**	506	802	**703**	664	940	**823**	777
60	464	396	370	607	516	481	710	602	560
45	270	211	189	347	270	240	402	311	277
	15	20	22	15	20	22	15	20	22
	length L (mm)		1500	length L (mm)		1500	length L (mm)		1500
80	959	861	823	1 276	1 142	1 090	1 501	1 342	1 279
70	766	**675**	639	1 013	**888**	839	1 188	**1 039**	981
60	586	501	467	767	652	607	896	760	707
45	341	267	239	438	340	303	508	393	350
	15	20	22	15	20	22	15	20	22
	length L (mm)		1750	length L (mm)		1750	length L (mm)		1750
80	1 158	1 041	994	1 541	1 380	1 317	1 813	1 621	1 546
70	926	**815**	772	1 224	**1 073**	1 014	1 435	**1 256**	1 186
60	708	605	565	927	788	734	1 083	918	855
45	412	322	288	529	411	367	614	475	423
	15	20	22	15	20	22	15	20	22
	length L (mm)		2000	length L (mm)		2000	length L (mm)		2000
80	1 358	1 220	1 166	1 807	1 618	1 544	2 126	1 901	1 812
70	1 086	**956**	905	1 435	**1 257**	1 188	1 682	**1 472**	1 390
60	830	709	662	1 087	924	860	1 270	1 077	1 002
45	483	378	338	621	482	430	719	557	496

DIMENSIONS

width	72 mm
height	280, 360, 480 mm
length	1000 to 2000 mm
connection	G½“



Cross-section



Longitudinal section

COIL-GS

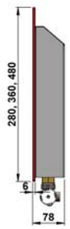
A unique design convector combining the benefits of convection and radiation with a GLASS front panel.

CHARACTERISTICS

- high natural convection output
- short response time
- increased user comfort
- intended for installation on the wall of a room
- glass panel adapted to customer's individual wishes

DIMENSIONS

width	78 mm
height	280, 360, 480 mm
length	1000 and 1250 mm
connection	G½“



Cross-section

Longitudinal section

HEAT OUTPUT Q [W]

mean water temperature t_W	GS 280/2 width 78 mm			GS 360/4 width 78 mm			GS 480/4 width 78 mm		
	air temperature t_A			air temperature t_A			air temperature t_A		
	15	20	22	15	20	22	15	20	22
	length L (mm)		1000	length L (mm)		1000	length L (mm)		1000
80	579	520	496	736	659	629	850	761	726
70	462	**407**	385	585	**513**	485	675	**591**	559
60	353	301	281	444	377	352	511	434	405
45	205	160	143	254	198	176	292	227	202
	15	20	22	15	20	22	15	20	22
	length L (mm)		1250	length L (mm)		1250	length L (mm)		1250
80	785	705	674	999	895	854	1 153	1 033	985
70	627	**552**	523	794	**696**	658	916	**803**	759
60	479	409	382	602	512	477	694	590	549
45	278	218	195	345	268	239	396	308	274

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