



## COIL -T60

### CHARACTERISTICS

- ✘ for heating dry interiors
- ✘ very low MINIB convector(only 65 mm in the floor)
- ✘ COIL - T60 is supplied only with the 16.5 mm high aluminium grille

### DIMENSIONS

total width	243 mm
construction height	65 mm
length L	900 to 3000 mm

### USAGE

Designed for individual use in dry interiors with higher heating demands on intensity of heating and low construction height requirements (up to 65 mm) when the deeper COIL-KT or COIL-KT3 units cannot be used.

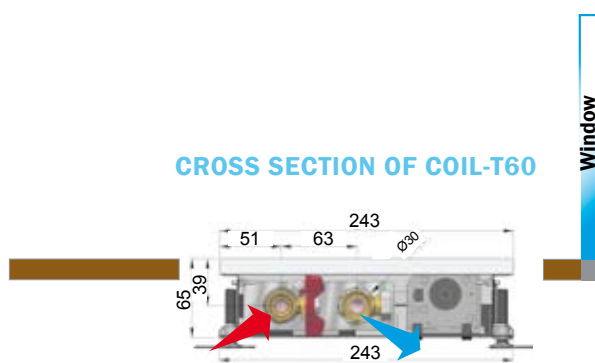
### TEMPERATURE EQUATION

$$Q = Q_N \left( \frac{t_w - t_A}{50} \right)^m$$

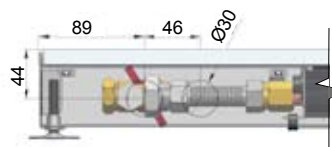
where:

- m=** 1,0966 temperature exponent
- $t_w, t_A$**  mean heating water temperature, mean air temperature [°C]
- $Q_N$**  nominal heat transfer rate for difference of temperatures  $t_w - t_A = 50$  °C [W]
- Q** heat transfer rate for other temperatures [W]

### CROSS SECTION OF COIL-T60



### LONGITUDINAL SECTION COIL-T60



HEAT TRANSFER RATE Q [W] COIL - T 60

		1 min. speed			2 med. speed			3 max. speed				
		length L (mm)		900	length L (mm)		900	length L (mm)		900		
		mean air temperature tA			mean air temperature tA			mean air temperature tA				
		15	20	22	15	20	22	15	20	22		
mean water temperature t <sub>w</sub>	90	852	790	765	90	1 026	952	922	90	1 323	1 226	1 188
	80	728	667	643	80	877	804	774	80	1 131	1 036	998
	70	606	<b>546</b>	522	70	730	<b>658</b>	629	70	941	<b>848</b>	811
	50	369	312	289	50	445	376	348	50	573	484	449
		length L (mm)		1000	length L (mm)		1000	length L (mm)		1000		
		mean air temperature tA			mean air temperature tA			mean air temperature tA				
		15	20	22	15	20	22	15	20	22		
mean water temperature t <sub>w</sub>	90	994	921	892	90	1 198	1 110	1 076	90	1 543	1 431	1 386
	80	849	778	750	80	1 024	938	903	80	1 319	1 208	1 164
	70	707	<b>637</b>	609	70	852	<b>768</b>	734	70	1 098	<b>989</b>	946
	50	431	364	337	50	519	438	406	50	669	565	524
		length L (mm)		1250	length L (mm)		1250	length L (mm)		1250		
		mean air temperature tA			mean air temperature tA			mean air temperature tA				
		15	20	22	15	20	22	15	20	22		
mean water temperature t <sub>w</sub>	90	1 349	1 250	1 211	90	1 625	1 507	1 460	90	2 094	1 942	1 881
	80	1 153	1 056	1 017	80	1 389	1 272	1 226	80	1 790	1 640	1 580
	70	960	<b>865</b>	827	70	1 157	<b>1 042</b>	996	70	1 491	<b>1 343</b>	1 284
	50	585	494	458	50	705	595	552	50	908	767	711
		length L (mm)		1500	length L (mm)		1500	length L (mm)		1500		
		mean air temperature tA			mean air temperature tA			mean air temperature tA				
		15	20	22	15	20	22	15	20	22		
mean water temperature t <sub>w</sub>	90	1 703	1 579	1 530	90	2 053	1 903	1 844	90	2 646	2 453	2 376
	80	1 456	1 334	1 285	80	1 755	1 607	1 549	80	2 261	2 071	1 996
	70	1 212	<b>1 092</b>	1 044	70	1 461	<b>1 316</b>	1 258	70	1 883	<b>1 696</b>	1 622
	50	739	624	578	50	890	752	697	50	1 147	969	898
		length L (mm)		1750	length L (mm)		1750	length L (mm)		1750		
		mean air temperature tA			mean air temperature tA			mean air temperature tA				
		15	20	22	15	20	22	15	20	22		
mean water temperature t <sub>w</sub>	90	2 058	1 908	1 849	90	2 481	2 300	2 228	90	3 197	2 964	2 871
	80	1 759	1 612	1 553	80	2 120	1 942	1 871	80	2 733	2 503	2 412
	70	1 465	<b>1 320</b>	1 262	70	1 765	<b>1 590</b>	1 521	70	2 275	<b>2 049</b>	1 960
	50	892	754	699	50	1 075	908	842	50	1 386	1 170	1 085
		length L (mm)		2000	length L (mm)		2000	length L (mm)		2000		
		mean air temperature tA			mean air temperature tA			mean air temperature tA				
		15	20	22	15	20	22	15	20	22		
mean water temperature t <sub>w</sub>	90	2 413	2 237	2 167	90	2 908	2 696	2 612	90	3 748	3 475	3 366
	80	2 063	1 889	1 820	80	2 486	2 277	2 194	80	3 204	2 934	2 827
	70	1 717	<b>1 547</b>	1 479	70	2 070	<b>1 864</b>	1 783	70	2 667	<b>2 403</b>	2 297
	50	1 046	883	819	50	1 261	1 065	987	50	1 625	1 372	1 272
		length L (mm)		2500	length L (mm)		2500	length L (mm)		2500		
		mean air temperature tA			mean air temperature tA			mean air temperature tA				
		15	20	22	15	20	22	15	20	22		
mean water temperature t <sub>w</sub>	90	3 123	2 895	2 805	90	3 764	3 489	3 380	90	4 850	4 497	4 356
	80	2 669	2 445	2 356	80	3 217	2 947	2 839	80	4 146	3 798	3 659
	70	2 223	<b>2 002</b>	1 914	70	2 678	<b>2 413</b>	2 307	70	3 452	<b>3 109</b>	2 973
	50	1 354	1 143	1 060	50	1 632	1 378	1 277	50	2 103	1 776	1 646
		length L (mm)		3000	length L (mm)		3000	length L (mm)		3000		
		mean air temperature tA			mean air temperature tA			mean air temperature tA				
		15	20	22	15	20	22	15	20	22		
mean water temperature t <sub>w</sub>	90	3 833	3 553	3 442	90	4 619	4 282	4 148	90	5 953	5 519	5 346
	80	3 276	3 001	2 891	80	3 948	3 616	3 484	80	5 088	4 661	4 491
	70	2 728	<b>2 457</b>	2 349	70	3 287	<b>2 961</b>	2 831	70	4 236	<b>3 816</b>	3 649
	50	1 662	1 403	1 301	50	2 002	1 691	1 568	50	2 581	2 179	2 021

MINIB, s. r. o., Střešovičká 49, 162 00 Praha 6 CZ, office@minib.cz tel.: +420 220 180 780, +420 604 767 677 fax: +420 220 180 779

