

## COIL – SW420

### CHARACTERISTICS

- ✘ MINIB self-standing convector with a width of 232 mm
- ✘ only for heating of dry environments
- ✘ very high heat output of the convector without the fan
- ✘ equipped with the thermostatic head.

### DIMENSIONS

total width	232 mm
construction height	420 mm
length L	900 to 2000 mm

### USAGE

Convector SW420 is a fast reacting heating unit that is a part of a new design series of MINIB self-standing convectors regarding its heat output and dimensions. The aluminium cover of the unit can be supplied with silver, light bronze, dark bronze or white-varnished coating.

#### info:

The decorative grille of the convector must not be loaded.



### HEAT TRANSFER RATE Q [W] COIL – SW420

		length L (mm)	<b>900</b>		
		mean air temperature $t_a$		15	20
mean water temperature $t_w$	90	2 261	2 056	1 976	
	70	1 476	<b>1 295</b>	1 224	
	60	1 120	952	888	
	45	641	499	445	
		length L (mm)	<b>1000</b>		
		mean air temperature $t_a$		15	20
mean water temperature $t_w$	90	2 577	2 344	2 252	
	70	1 682	<b>1 476</b>	1 395	
	60	1 277	1 086	1 012	
	45	731	569	507	
		length L (mm)	<b>1250</b>		
		mean air temperature $t_a$		15	20
mean water temperature $t_w$	90	3 368	3 063	2 943	
	70	2 198	<b>1 928</b>	1 823	
	60	1 668	1 419	1 322	
	45	955	743	663	
		length L (mm)	<b>1500</b>		
		mean air temperature $t_a$		15	20
mean water temperature $t_w$	90	4 158	3 782	3 634	
	70	2 714	<b>2 381</b>	2 251	
	60	2 060	1 752	1 632	
	45	1 179	918	818	
		length L (mm)	<b>1750</b>		
		mean air temperature $t_a$		15	20
mean water temperature $t_w$	90	4 949	4 501	4 325	
	70	3 230	<b>2 833</b>	2 679	
	60	2 451	2 085	1 943	
	45	1 404	1 092	974	
		length L (mm)	<b>2000</b>		
		mean air temperature $t_a$		15	20
mean water temperature $t_w$	90	5 739	5 220	5 016	
	70	3 746	<b>3 286</b>	3 107	
	60	2 843	2 418	2 253	
	45	1 628	1 267	1 130	

### TEMPERATURE EXPONENT

$$m = 1,3752$$

### CROSS SECTION OF COIL – SW420

