



## COIL - SP1/4

### CHARACTERISTICS

- ✘ MINIB self-standing convector with a width of 156 mm
- ✘ only for heating of dry environments
- ✘ high heat output of the convector without the fan
- ✘ equipped with the thermostatic head.

### DIMENSIONS

total width	156 mm
construction height	230 mm
length L	900 to 2000 mm

### USAGE

Self-standing convector SP1/4 is a fast reacting heating unit from a new design series of MINIB self-standing convectors without the fan. 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.

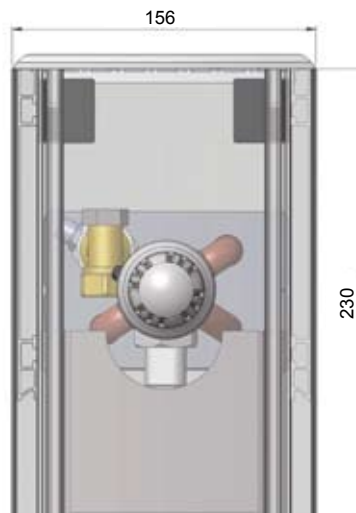
### TEMPERATURE EQUATION

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

where:

- m**= temperature exponent 1,277
- t<sub>w</sub>** mean heating water temperature,
- t<sub>A</sub>** mean air temperature [°C]
- Q<sub>N</sub>** nominal heat transfer rate for difference of temperatures t<sub>w</sub> - t<sub>A</sub> = 50 °C [W]
- Q** heat transfer rate for other temperatures [W]

### CROSS SECTION OF COIL - SP1/4



### HEAT TRANSFER RATE Q [W] COIL - SP1/4

		length L (mm) <b>900</b>		
		mean air temperature t <sub>A</sub>		
		15	20	22
mean water temperature t <sub>w</sub>	90	900	824	794
	80	749	677	648
	70	605	<b>536</b>	509
	50	340	279	256
		length L (mm) <b>1000</b>		
		mean air temperature t <sub>A</sub>		
		15	20	22
mean water temperature t <sub>w</sub>	90	1 026	939	905
	80	854	771	739
	70	690	<b>611</b>	580
	50	388	318	291
		length L (mm) <b>1250</b>		
		mean air temperature t <sub>A</sub>		
		15	20	22
mean water temperature t <sub>w</sub>	90	1 340	1 227	1 183
	80	1 116	1 008	965
	70	902	<b>799</b>	758
	50	506	416	381
		length L (mm) <b>1500</b>		
		mean air temperature t <sub>A</sub>		
		15	20	22
mean water temperature t <sub>w</sub>	90	1 655	1 515	1 460
	80	1 378	1 244	1 192
	70	1 114	<b>986</b>	936
	50	625	514	470
		length L (mm) <b>1750</b>		
		mean air temperature t <sub>A</sub>		
		15	20	22
mean water temperature t <sub>w</sub>	90	1 969	1 803	1 738
	80	1 640	1 481	1 418
	70	1 325	<b>1 173</b>	1 114
	50	744	611	560
		length L (mm) <b>2000</b>		
		mean air temperature t <sub>A</sub>		
		15	20	22
mean water temperature t <sub>w</sub>	90	2 284	2 091	2 015
	80	1 903	1 718	1 645
	70	1 537	<b>1 361</b>	1 292
	50	863	709	649