COIL – NP1/4

CHARACTERISTICS

- ✖ MINIB wall 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	170 mm
length L	900 to 2000 mm

USAGE

Convector NP1/4 is a fast reacting heating unit from a new design series of MINIB wall 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.

HEAT TRANSFER RATE Q [W] COIL – NP1/4

		length L (mm)		**900**
		mean air temperature tA		
		15	20	22
mean water temperature t_w	90	1 114	1 017	979
	80	922	830	793
	70	740	**652**	618
	50	407	332	303
		length L (mm)		**1000**
		mean air temperature tA		
		15	20	22
mean water temperature t_w	90	1 269	1 159	1 115
	80	1 051	946	904
	70	843	**743**	704
	50	464	379	346
		length L (mm)		**1250**
		mean air temperature tA		
		15	20	22
mean water temperature t_w	90	1 659	1 514	1 458
	80	1 373	1 236	1 182
	70	1 102	**971**	920
	50	607	495	452
		length L (mm)		**1500**
		mean air temperature tA		
		15	20	22
mean water temperature t_w	90	2 048	1 870	1 800
	80	1 696	1 526	1 459
	70	1 360	**1 199**	1 136
	50	749	611	558
		length L (mm)		**1750**
		mean air temperature tA		
		15	20	22
mean water temperature t_w	90	2 438	2 225	2 142
	80	2 018	1 816	1 736
	70	1 619	**1 427**	1 352
	50	891	727	664
		length L (mm)		**2000**
		mean air temperature tA		
		15	20	22
mean water temperature t_w	90	2 827	2 581	2 484
	80	2 340	2 106	2 014
	70	1 877	**1 655**	1 568
	50	1 034	843	770

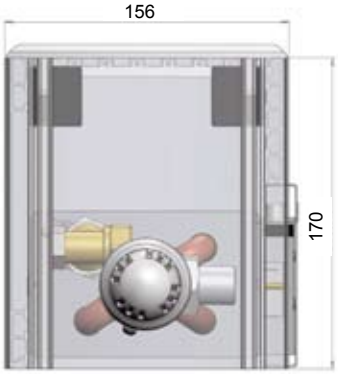
TEMPERATURE EQUATION

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

where:

m=	temperature exponent 1,32
$t_{w,A}$	mean heating water temperature, mean air temperature [°C]
Q_N	nominal heat transfer rate for difference of temperatures tw - tA = 50 °C [W]
Q	heat transfer rate for other temperatures [W]

CROSS SECTION OF COIL – NP1/4



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