



COIL – NW170

CHARACTERISTICS

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

USAGE

Convector NW170 is a fast reacting heating unit that is a part of a new design series of MINIB wall 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. The minimum height of the convector from the ground is 110 mm.

info:

The decorative grille of the convector must not be loaded.

HEAT TRANSFER RATE Q [W] COIL – NW170

		length L (mm)	900		
		mean air temperature t_a			
		15	20	22	
mean water temperature t_w	90	1 878	1 703	1 634	
	70	1 210	1 057	998	
	60	910	770	716	
	45	512	396	352	
		length L (mm)	1000		
		mean air temperature t_a			
		15	20	22	
mean water temperature t_w	90	2 141	1 941	1 863	
	70	1 379	1 205	1 137	
	60	1 038	878	817	
	45	584	451	401	
		length L (mm)	1250		
		mean air temperature t_a			
		15	20	22	
mean water temperature t_w	90	2 797	2 537	2 435	
	70	1 802	1 575	1 486	
	60	1 356	1 148	1 067	
	45	763	590	524	
		length L (mm)	1500		
		mean air temperature t_a			
		15	20	22	
mean water temperature t_w	90	3 454	3 132	3 006	
	70	2 225	1 944	1 835	
	60	1 675	1 417	1 318	
	45	943	728	647	
		length L (mm)	1750		
		mean air temperature t_a			
		15	20	22	
mean water temperature t_w	90	4 111	3 728	3 578	
	70	2 648	2 314	2 184	
	60	1 993	1 686	1 568	
	45	1 122	866	770	
		length L (mm)	2000		
		mean air temperature t_a			
		15	20	22	
mean water temperature t_w	90	4 767	4 323	4 149	
	70	3 072	2 683	2 533	
	60	2 311	1 956	1 819	
	45	1 301	1 005	893	

TEMPERATURE EXPONENT

$$m = 1,4173$$

CROSS SECTION OF COIL – NW170

