

COIL – PMW165

CHARACTERISTICS

- ✘ for heating dry interiors
- ✘ high heat output without fan

DIMENSIONS

total width 420 mm
 construction height 165 mm
 length 900 to 3000 mm

USAGE

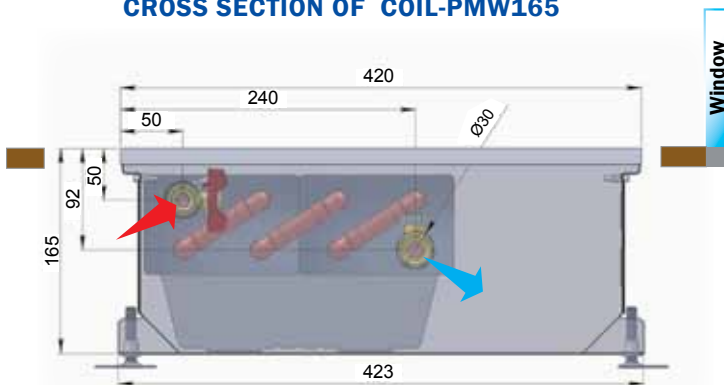
It is recommended for individual use in dry interiors with demand on higher heat output where the construction height is not a limiting factor.



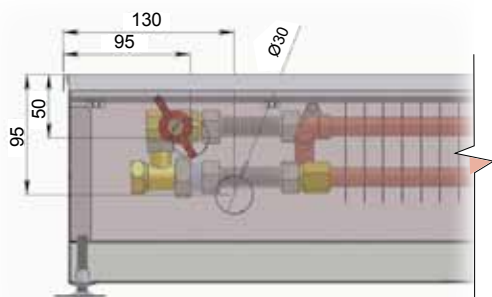
TEMPERATURE EXPONENT

$m = 1,4131$

CROSS SECTION OF COIL-PMW165



LONGITUDINAL SECTION OF COIL-PMW165



HEAT TRANSFER RATE Q [W] COIL – PMW165

		length L (mm) 900		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	937	850	815
	70	604	528	498
	60	455	385	358
	45	257	198	176
		length L (mm) 1000		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	1 093	991	951
	70	705	616	582
	60	531	449	418
	45	299	231	206
		length L (mm) 1250		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	1 483	1 345	1 291
	70	957	836	789
	60	720	610	567
	45	406	314	279
		length L (mm) 1500		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	1 873	1 699	1 631
	70	1 208	1 056	997
	60	910	770	717
	45	513	397	352
		length L (mm) 1750		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	2 263	2 053	1 971
	70	1 460	1 276	1 205
	60	1 100	931	866
	45	620	479	426
		length L (mm) 2000		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	2 653	2 407	2 310
	70	1 712	1 496	1 412
	60	1 289	1 092	1 015
	45	727	562	499
		length L (mm) 2500		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	3 434	3 115	2 990
	70	2 215	1 936	1 828
	60	1 668	1 413	1 314
	45	941	727	646
		length L (mm) 3000		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	4 214	3 823	3 669
	70	2 719	2 376	2 243
	60	2 048	1 734	1 612
	45	1 155	892	793