



COIL – PMW205

CHARACTERISTICS

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

DIMENSIONS

total width	420 mm
construction height	205 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.

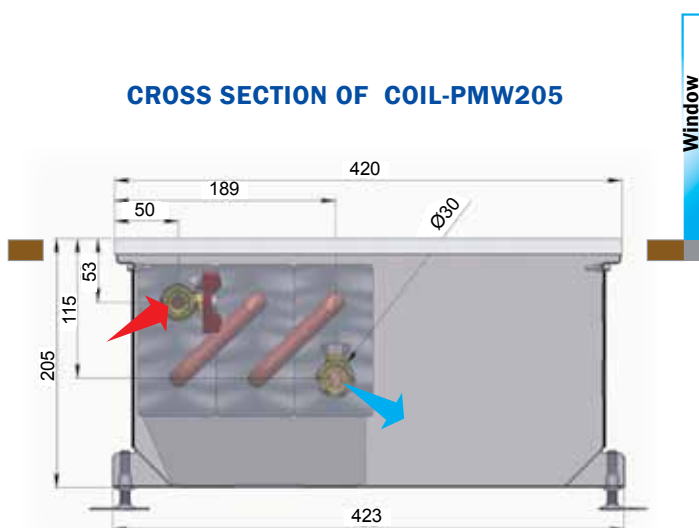
HEAT TRANSFER RATE Q [W] COIL – PMW205

		length L (mm) 900		
		mean air temperature t_a		
		15	20	22
mean water temperature t_{w1}	90	1 019	921	883
	70	647	563	531
	60	483	406	377
	45	267	204	181
		length L (mm) 1000		
		15	20	22
mean water temperature t_{w1}	90	1 189	1 075	1 030
	70	755	657	619
	60	563	474	440
	45	311	238	211
		length L (mm) 1250		
		15	20	22
mean water temperature t_{w1}	90	1 613	1 458	1 398
	70	1 025	892	840
	60	764	643	597
	45	422	324	286
		length L (mm) 1500		
		15	20	22
mean water temperature t_{w1}	90	2 038	1 842	1 766
	70	1 295	1 126	1 061
	60	965	813	754
	45	534	409	362
		length L (mm) 1750		
		15	20	22
mean water temperature t_{w1}	90	2 462	2 226	2 134
	70	1 565	1 361	1 282
	60	1 167	982	911
	45	645	494	437
		length L (mm) 2000		
		15	20	22
mean water temperature t_{w1}	90	2 887	2 610	2 502
	70	1 834	1 596	1 503
	60	1 368	1 151	1 068
	45	756	579	513
		length L (mm) 2500		
		15	20	22
mean water temperature t_{w1}	90	3 736	3 378	3 237
	70	2 374	2 065	1 945
	60	1 770	1 490	1 382
	45	978	749	663
		length L (mm) 3000		
		15	20	22
mean water temperature t_{w1}	90	4 585	4 145	3 973
	70	2 913	2 534	2 387
	60	2 172	1 829	1 696
	45	1 201	920	814

TEMPERATURE EXPONENT

$$m = 1,4624$$

CROSS SECTION OF COIL-PMW205



LONGITUDINAL SECTION OF COIL-PMW205

