

COIL – PMW125

CHARACTERISTICS

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

DIMENSIONS

total width	420 mm
construction height	125 mm
length	900 to 3000 mm

USAGE

It is recommended for individual use in dry interiors with medium heat demands in places where the construction height is not a limiting factor.

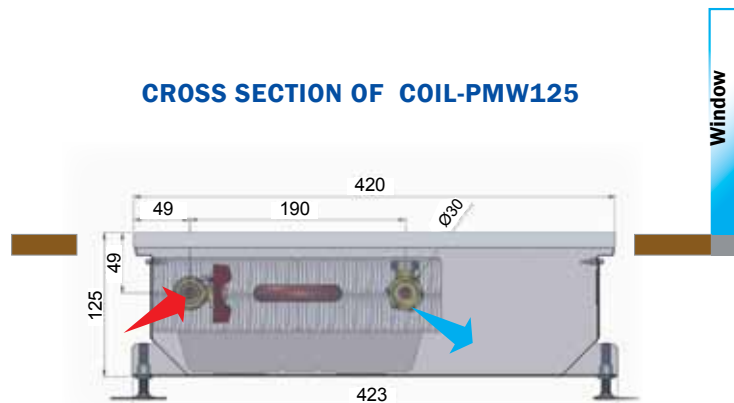
HEAT TRANSFER RATE Q [W] COIL – PMW125

		length L (mm) 900		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	643	583	560
	70	414	362	341
	60	311	263	245
	45	175	135	120
		length L (mm) 1000		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	751	681	653
	70	483	422	398
	60	363	307	286
	45	204	158	140
		length L (mm) 1250		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	1 019	924	886
	70	656	573	540
	60	493	417	388
	45	277	214	190
		length L (mm) 1500		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	1 287	1 167	1 120
	70	828	723	683
	60	623	527	490
	45	350	270	240
		length L (mm) 1750		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	1 555	1 410	1 353
	70	1 001	874	825
	60	753	637	592
	45	423	327	290
		length L (mm) 2000		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	1 823	1 653	1 586
	70	1 174	1 025	967
	60	882	747	694
	45	496	383	340
		length L (mm) 2500		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	2 359	2 139	2 053
	70	1 519	1 326	1 252
	60	1 142	966	898
	45	642	496	440
		length L (mm) 3000		
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	2 895	2 625	2 519
	70	1 864	1 628	1 536
	60	1 402	1 186	1 102
	45	788	608	540

TEMPERATURE EXPONENT

$m = 1,4202$

CROSS SECTION OF COIL-PMW125



LONGITUDINAL SECTION OF COIL-PMW125

