

COIL – PMW90

CHARACTERISTICS

- ✘ for heating dry interiors
- ✘ high heat output without fan
- ✘ construction height only 90 mm

DIMENSIONS

total width 420 mm
 construction height 90 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.

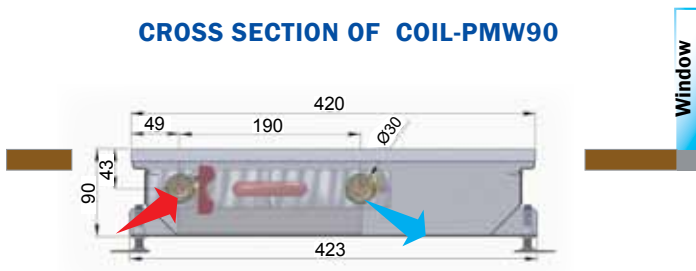


HEAT TRANSFER RATE Q [W] COIL – PMW90

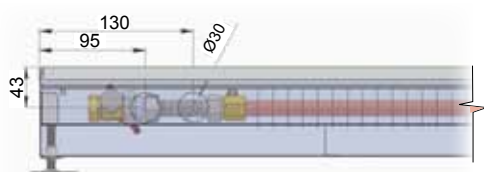
TEMPERATURE EXPONENT

$m = 1,4389$

CROSS SECTION OF COIL-PMW90



LONGITUDINAL SECTION OF COIL-PMW90



		length L (mm)		900
		mean air temperature t_a		
		15	20	22
mean water temperature t_w	90	466	422	405
	70	299	260	245
	60	224	189	175
	45	125	96	85
		length L (mm)		1000
		15	20	22
mean water temperature t_w	90	544	493	473
	70	348	304	286
	60	261	220	205
	45	146	112	99
		length L (mm)		1250
		15	20	22
mean water temperature t_w	90	738	669	641
	70	473	412	389
	60	354	299	278
	45	198	152	135
		length L (mm)		1500
		15	20	22
mean water temperature t_w	90	933	845	810
	70	597	520	491
	60	447	378	351
	45	250	192	170
		length L (mm)		1750
		15	20	22
mean water temperature t_w	90	1 127	1 021	979
	70	721	629	593
	60	540	456	424
	45	302	232	206
		length L (mm)		2000
		15	20	22
mean water temperature t_w	90	1 321	1 197	1 148
	70	846	737	695
	60	634	535	497
	45	354	272	241
		length L (mm)		2500
		15	20	22
mean water temperature t_w	90	1 710	1 549	1 485
	70	1 095	954	900
	60	820	692	643
	45	458	352	312
		length L (mm)		3000
		15	20	22
mean water temperature t_w	90	2 099	1 900	1 823
	70	1 343	1 171	1 104
	60	1 006	849	789
	45	562	432	383