

COIL – PT180

CHARACTERISTICS

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

DIMENSIONS

total width	303 mm
construction height	180 mm
length	900 to 3000 mm

USAGE

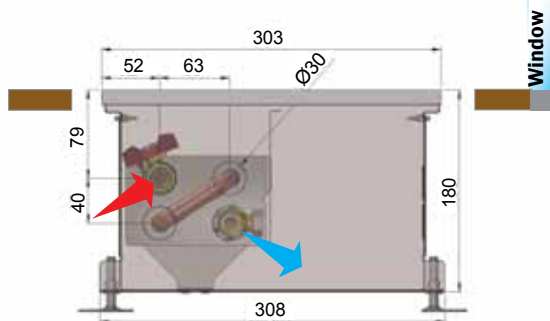
It is recommended for individual use in dry interiors with medium heat demand where the construction height is not a limiting factor.



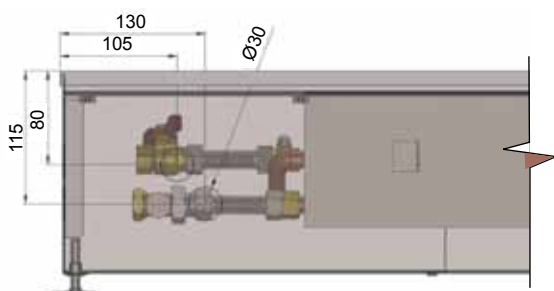
TEMPERATURE EXPONENT

$m = 1,4180$

CROSS SECTION OF COIL-PT180



LONGITUDINAL SECTION OF COIL-PT180



HEAT TRANSFER RATE Q [W] COIL – PT180

		length L (mm)		900
		mean air temperature t _a		
		15	20	22
mean water temperature t _w	90	596	540	519
	70	384	335	316
	60	289	244	227
	45	162	125	111
		length L (mm)		1000
		15	20	22
mean water temperature t _w	90	695	630	605
	70	448	391	369
	60	337	285	265
	45	190	146	130
		length L (mm)		1250
		15	20	22
mean water temperature t _w	90	943	855	821
	70	608	531	501
	60	457	387	360
	45	257	199	177
		length L (mm)		1500
		15	20	22
mean water temperature t _w	90	1 192	1 081	1 037
	70	768	671	633
	60	578	489	454
	45	325	251	223
		length L (mm)		1750
		15	20	22
mean water temperature t _w	90	1 440	1 306	1 253
	70	928	810	765
	60	698	591	549
	45	393	303	269
		length L (mm)		2000
		15	20	22
mean water temperature t _w	90	1 688	1 531	1 469
	70	1 087	950	897
	60	818	692	644
	45	460	356	316
		length L (mm)		2500
		15	20	22
mean water temperature t _w	90	2 185	1 981	1 901
	70	1 407	1 229	1 160
	60	1 059	896	833
	45	596	460	409
		length L (mm)		3000
		15	20	22
mean water temperature t _w	90	2 681	2 431	2 333
	70	1 727	1 509	1 424
	60	1 299	1 100	1 022
	45	731	565	502