



## COIL – PT80

### CHARACTERISTICS

- ✘ for heating dry interiors
- ✘ lower heat output
- ✘ construction height only 80 mm

### DIMENSIONS

total width 303 mm  
 construction height 80 mm  
 length 900 to 3000 mm

### USAGE

Designed for use in dry interiors with lower heat demands on intensity of heating and low construction height.

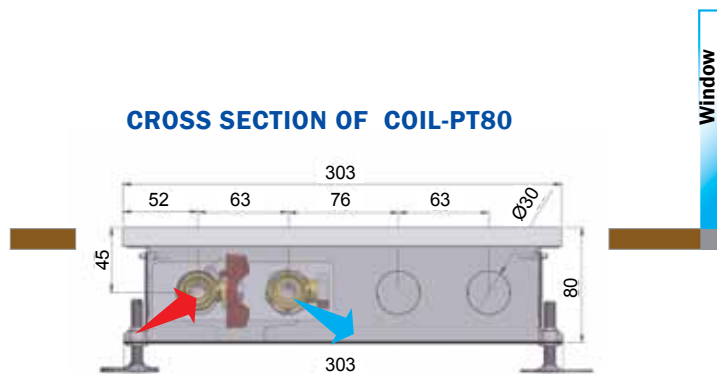
### HEAT TRANSFER RATE Q [W] COIL – PT80

		length L (mm) <b>900</b>		
		mean air temperature $t_a$		
		15	20	22
mean water temperature $t_w$	90	295	267	257
	70	191	<b>167</b>	158
	60	144	122	114
	45	82	63	56
		length L (mm) <b>1000</b>		
		15	20	22
mean water temperature $t_w$	90	344	312	300
	70	223	<b>195</b>	184
	60	168	142	133
	45	95	74	66
		length L (mm) <b>1250</b>		
		15	20	22
mean water temperature $t_w$	90	466	423	407
	70	302	<b>264</b>	250
	60	228	193	180
	45	129	100	89
		length L (mm) <b>1500</b>		
		15	20	22
mean water temperature $t_w$	90	589	535	514
	70	382	<b>334</b>	315
	60	288	244	227
	45	163	126	113
		length L (mm) <b>1750</b>		
		15	20	22
mean water temperature $t_w$	90	712	646	620
	70	461	<b>403</b>	381
	60	348	295	275
	45	197	153	136
		length L (mm) <b>2000</b>		
		15	20	22
mean water temperature $t_w$	90	834	758	727
	70	540	<b>473</b>	447
	60	408	346	322
	45	231	179	159
		length L (mm) <b>2500</b>		
		15	20	22
mean water temperature $t_w$	90	1 080	980	941
	70	699	<b>612</b>	578
	60	528	448	417
	45	299	232	206
		length L (mm) <b>3000</b>		
		15	20	22
mean water temperature $t_w$	90	1 325	1 203	1 155
	70	858	<b>751</b>	709
	60	648	550	512
	45	367	285	253

### TEMPERATURE EXPONENT

$m = 1,4002$

### CROSS SECTION OF COIL-PT80



### LONGITUDINAL SECTION OF COIL-PT80

