

## COIL – PT105

### CHARACTERISTICS

- ✘ for heating dry interiors
- ✘ lower heat output
- ✘ construction height only 105 mm

### DIMENSIONS

total width	303 mm
construction height	105 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.

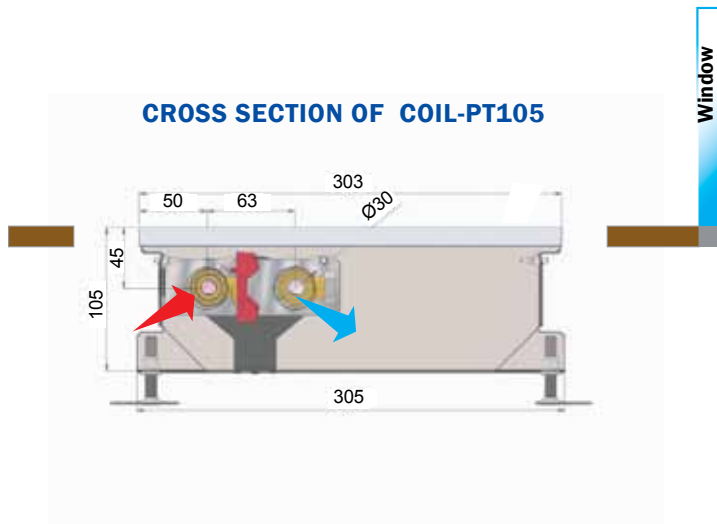


### HEAT TRANSFER RATE Q [W] COIL – PT105

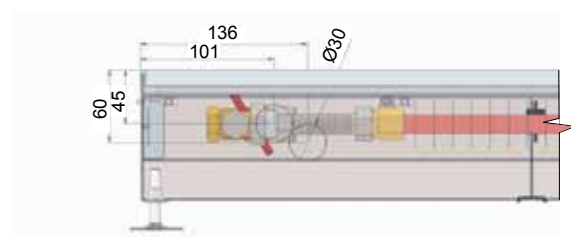
### TEMPERATURE EXPONENT

$m = 1,3691$

### CROSS SECTION OF COIL-PT105



### LONGITUDINAL SECTION OF COIL-PT105



		length L (mm)		900
		mean air temperature $t_a$		
		15	20	22
mean water temperature $t_w$	90	379	344	331
	70	248	<b>217</b>	205
	60	188	<b>160</b>	149
	45	108	84	75
		length L (mm)		1000
		mean air temperature $t_a$		
		15	20	22
mean water temperature $t_w$	90	442	402	386
	70	289	<b>254</b>	240
	60	219	187	174
	45	126	98	88
		length L (mm)		1250
		mean air temperature $t_a$		
		15	20	22
mean water temperature $t_w$	90	599	545	524
	70	392	<b>344</b>	325
	60	298	253	236
	45	171	133	119
		length L (mm)		1500
		mean air temperature $t_a$		
		15	20	22
mean water temperature $t_w$	90	757	689	662
	70	495	<b>435</b>	411
	60	376	320	298
	45	216	168	150
		length L (mm)		1750
		mean air temperature $t_a$		
		15	20	22
mean water temperature $t_w$	90	915	832	800
	70	598	<b>525</b>	497
	60	455	387	361
	45	261	203	181
		length L (mm)		2000
		mean air temperature $t_a$		
		15	20	22
mean water temperature $t_w$	90	1073	976	938
	70	702	<b>616</b>	582
	60	533	454	423
	45	306	238	213
		length L (mm)		2500
		mean air temperature $t_a$		
		15	20	22
mean water temperature $t_w$	90	1388	1263	1214
	70	908	<b>797</b>	753
	60	690	587	547
	45	396	308	275
		length L (mm)		3000
		mean air temperature $t_a$		
		15	20	22
mean water temperature $t_w$	90	1704	1550	1490
	70	1114	<b>978</b>	925
	60	847	720	672
	45	486	379	338