



## COIL - P80

### CHARACTERISTICS

- ✘ for heating dry interiors
- ✘ lower heat output
- ✘ lower and dimensionally more acceptable variant of the convector COIL-P

### DIMENSIONS

total width 243 mm  
 construction height 80 mm  
 length 900 to 3000 mm

### USAGE

It is recommended for individual use in dry interiors with lower heat demands on intensity of heating and low construction height.

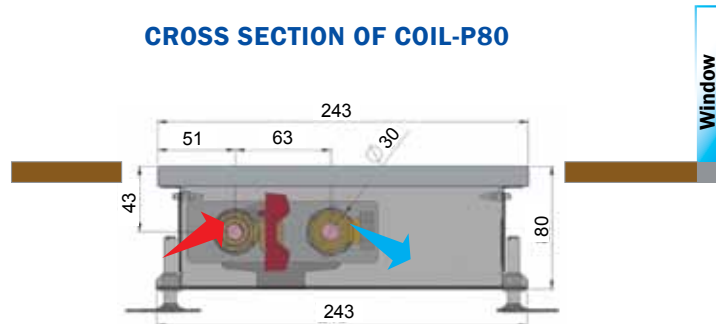
### HEAT TRANSFER RATE Q [W] COIL - P80

|                              |    | length L (mm) <b>900</b>   |            |       |
|------------------------------|----|----------------------------|------------|-------|
|                              |    | mean air temperature $t_a$ |            |       |
|                              |    | 15                         | 20         | 22    |
| mean water temperature $t_w$ | 90 | 281                        | 254        | 244   |
|                              | 70 | 180                        | <b>156</b> | 147   |
|                              | 60 | 134                        | 113        | 105   |
|                              | 45 | 75                         | 57         | 51    |
|                              |    | length L (mm) <b>1000</b>  |            |       |
|                              |    | 15                         | 20         | 22    |
| mean water temperature $t_w$ | 90 | 328                        | 297        | 285   |
|                              | 70 | 209                        | <b>183</b> | 172   |
|                              | 60 | 157                        | 132        | 123   |
|                              | 45 | 87                         | 67         | 59    |
|                              |    | length L (mm) <b>1250</b>  |            |       |
|                              |    | 15                         | 20         | 22    |
| mean water temperature $t_w$ | 90 | 445                        | 403        | 386   |
|                              | 70 | 284                        | <b>248</b> | 234   |
|                              | 60 | 213                        | 179        | 167   |
|                              | 45 | 118                        | 91         | 81    |
|                              |    | length L (mm) <b>1500</b>  |            |       |
|                              |    | 15                         | 20         | 22    |
| mean water temperature $t_w$ | 90 | 562                        | 509        | 488   |
|                              | 70 | 359                        | <b>313</b> | 295   |
|                              | 60 | 269                        | 227        | 210   |
|                              | 45 | 150                        | 115        | 102   |
|                              |    | length L (mm) <b>1750</b>  |            |       |
|                              |    | 15                         | 20         | 22    |
| mean water temperature $t_w$ | 90 | 679                        | 615        | 589   |
|                              | 70 | 434                        | <b>378</b> | 356   |
|                              | 60 | 325                        | 274        | 254   |
|                              | 45 | 181                        | 139        | 123   |
|                              |    | length L (mm) <b>2000</b>  |            |       |
|                              |    | 15                         | 20         | 22    |
| mean water temperature $t_w$ | 90 | 796                        | 721        | 691   |
|                              | 70 | 509                        | <b>443</b> | 418   |
|                              | 60 | 381                        | 321        | 298   |
|                              | 45 | 212                        | 163        | 144   |
|                              |    | length L (mm) <b>2500</b>  |            |       |
|                              |    | 15                         | 20         | 22    |
| mean water temperature $t_w$ | 90 | 1 030                      | 933        | 894   |
|                              | 70 | 658                        | <b>574</b> | 541   |
|                              | 60 | 493                        | 416        | 386   |
|                              | 45 | 274                        | 211        | 187   |
|                              |    | length L (mm) <b>3000</b>  |            |       |
|                              |    | 15                         | 20         | 22    |
| mean water temperature $t_w$ | 90 | 1 264                      | 1 145      | 1 098 |
|                              | 70 | 808                        | <b>704</b> | 664   |
|                              | 60 | 605                        | 510        | 474   |
|                              | 45 | 337                        | 259        | 229   |

### TEMPERATURE EXPONENT

$m = 1,4445$

### CROSS SECTION OF COIL-P80



### LONGITUDINAL SECTION OF COIL-P80

