

## COIL – PO

### CHARACTERISTICS

- ✘ for heating **wet** interiors
- ✘ the most popular convector without a fan

### DIMENSIONS

total width	303 mm
construction height	125 mm
length	900 to 3000 mm

### USAGE

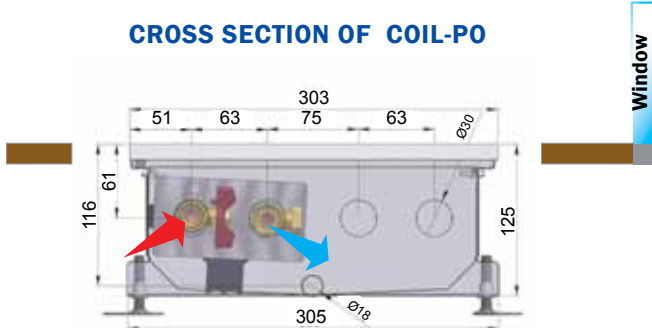
COIL PO has a formed drain pan to provide drainage of stored water from the trough drain pan. COIL PO can be combined with the COIL – KO and COIL – MO, which have a significantly higher heat output. These convectors are equipped with an 18 mm CU drain tube placed in the front of the convector. **The convector cannot be installed to swimming pools with salt or other aggressive water.** An example of connection and bridging of several convectors with a copper drain tube is shown on page no. 102.



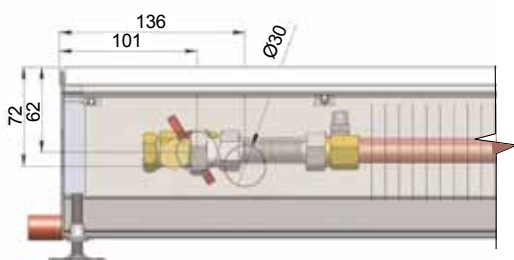
### TEMPERATURE EXPONENT

$$m = 1,4147$$

### CROSS SECTION OF COIL-PO



### LONGITUDINAL SECTION OF COIL-PO



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

		length L (mm) <b>900</b>		
		mean air temperature $t_a$		
		15	20	22
mean water temperature $t_w$	90	455	413	396
	70	293	<b>256</b>	242
	60	221	187	174
	45	124	96	85
		length L (mm) <b>1000</b>		
		15	20	22
mean water temperature $t_w$	90	531	482	462
	70	342	<b>299</b>	282
	60	258	218	203
	45	145	112	100
		length L (mm) <b>1250</b>		
		15	20	22
mean water temperature $t_w$	90	721	654	627
	70	465	<b>406</b>	383
	60	350	296	275
	45	197	152	135
		length L (mm) <b>1500</b>		
		15	20	22
mean water temperature $t_w$	90	910	826	792
	70	587	<b>513</b>	484
	60	442	374	348
	45	249	192	171
		length L (mm) <b>1750</b>		
		15	20	22
mean water temperature $t_w$	90	1 100	998	958
	70	709	<b>620</b>	585
	60	534	452	420
	45	301	232	207
		length L (mm) <b>2000</b>		
		15	20	22
mean water temperature $t_w$	90	1 290	1 170	1 123
	70	832	<b>727</b>	686
	60	626	530	493
	45	353	273	242
		length L (mm) <b>2500</b>		
		15	20	22
mean water temperature $t_w$	90	1 669	1 514	1 453
	70	1 076	<b>940</b>	888
	60	810	686	638
	45	456	353	313
		length L (mm) <b>3000</b>		
		15	20	22
mean water temperature $t_w$	90	2 048	1 858	1 783
	70	1 321	<b>1 154</b>	1 089
	60	994	842	783
	45	560	433	385