

PO 4



TRENCH HEATER WITH NATURAL CONVECTION
FOR WET ENVIRONMENT



heating

without fan

wet environment

CHARACTERISTICS

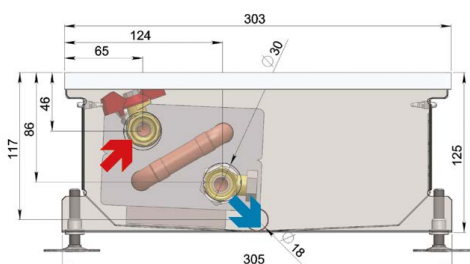
- the body of the convector is made from a high quality stainless steel
- convector without a fan for dry environment
- high natural convection efficiency
- short response time
- suitable primarily for swimming pools
- **the convector cannot be installed for a swimming pool with salty or otherwise corrosive water**

DIMENSIONS

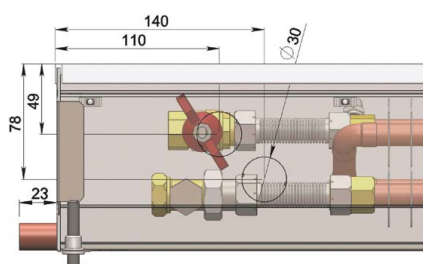
width - with standard frame	303 mm
width - with covering frame	329 mm
height	125 mm
length	900 - 3000 mm
connection *	G1/2"

* internal thread on the heat-exchanger, without water connection accessories

CROSS SECTION



LONGITUDINAL SECTION

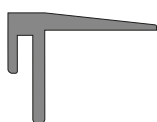


FRAMES

- Standard frame (AL-aluminium)



- Covering frame (AL-aluminium)



GRILLES - materials

dark bronze

light bronze

silver

ALUMINIUM



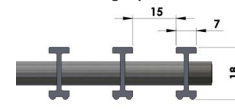
ST. STEEL



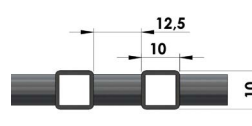
(shades of the grilles are only illustrative)

GRILLES - profile

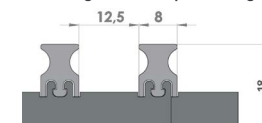
- AL-rolling-sparse



- st. steel-rolling-sparse¹⁾



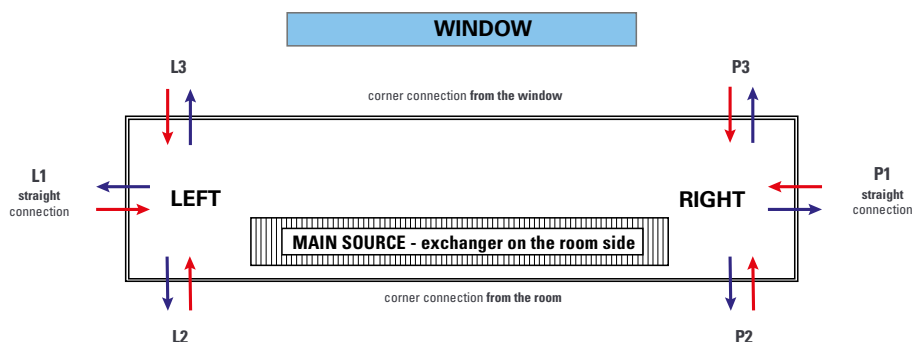
- Al-segmented-sparse-high



¹⁾ the grille must be ordered with the convector due to the modification of the convector construction

Standard grilles are transverse, if you are interested in **LONGITUDINAL GRILLES**, please contact your sales representative.

ORIENTATION AND CONNECTION OF THE CONVECTOR



If the convector is used as an **additional heat source** which prevents the condensation of the window (exchanger position at the window side), please consult with your sales representative. Combination of the exchanger position (**room side/window side**), convector type (**left/right**) and water connection (**straight/corner**) must be specified with the order of the convector.

HEATING OUTPUT

length L [mm]	heating output Q [W]			
	input / output water temperature [°C]	air temperature tA [°C]		
		15	20	22
09 = 900	85/75	486	434	414
	75/65	384	336	317
	65/55	290	245	228
	45/40	145	109	96
10 = 1000	85/75	567	507	483
	75/65	448	392	370
	65/55	338	286	266
	45/40	169	127	112
12 = 1250	85/75	770	688	656
	75/65	608	532	502
	65/55	458	388	361
	45/40	229	173	151
15 = 1500	85/75	972	869	828
	75/65	768	672	634
	65/55	579	491	456
	45/40	289	218	191
17 = 1750	85/75	1175	1050	1001
	75/65	928	812	766
	65/55	700	593	551
	45/40	350	263	231
20 = 2000	85/75	1377	1230	1173
	75/65	1088	952	898
	65/55	820	695	646
	45/40	410	309	271
22 = 2250	85/75	1580	1411	1346
	75/65	1249	1092	1031
	65/55	941	797	742
	45/40	470	354	311
25 = 2500	85/75	1783	1592	1518
	75/65	1409	1232	1163
	65/55	1062	899	837
	45/40	530	400	351
27 = 2750	85/75	1985	1773	1691
	75/65	1569	1372	1295
	65/55	1182	1001	932
	45/40	591	445	390
30 = 3000	85/75	2188	1954	1863
	75/65	1729	1512	1427
	65/55	1303	1104	1027
	45/40	651	491	430

EXAMPLE OF ORDER CODE



*orientation and length complete according to the specification of the convector

Orientation: L = left connection / P = right connection

CONNECTION OPTIONS AND ACCESSORIES

- connection **WITHOUT HEAD**
- connection **WITH A THERMOSTATIC HEAD**
- connection **WITH A CUSTOMER HEAD** (after consultation)

The type of connection accessories varies according to the type and purpose of the convector. Connection accessories are packed separately and are not included in the standard convector delivery. Information on request from your sales representative or on our website.

Convectors are designed to the **CONCRETE FLOOR**, in case of **HOLLOW FLOOR** installation, please consult with your sales representative.

The standard delivery includes convector, anchoring accessories and standard frame. All other accessories (grille, connection accessories, control elements, etc.) must be ordered and specified separately.

The technical parameters are set according to the relevant standards. In fact, they may vary depending on the location of the convector, the cover grille, the connection type.

As a part of the product development, MINIB, a.s. reserves the right of construction and price adjustments.



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