

PW 140 / PW 140E

TRENCH HEATER WITH NATURAL CONVECTION
WITH UNIVERSAL CONSTRUCTION



CHARACTERISTICS

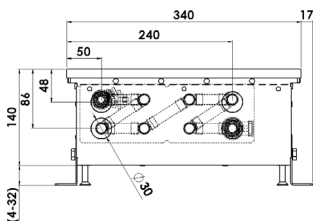
- **STANDARD** - the body of the convector is made from a **high quality stainless steel**
- **ECONOMY LINE / E** - made of **galvanised steel** sheet with internal black coating
- high natural convection
- short response time
- **universal right-left design**
- the new design enables joining the convectors into any long joint

DIMENSIONS

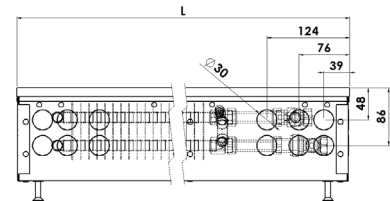
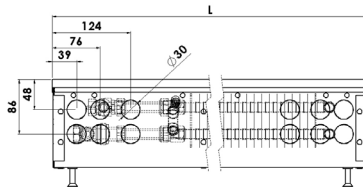
width - with standard frame	340 mm
width - with covering frame	206 mm
height	140 mm
length	900 - 3000 mm
connection *	G1/2"

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

CROSS SECTION



LONGITUDINAL SECTION

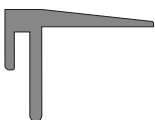


FRAMES

- Standard frame (AL-aluminium)



- Covering frame (AL-aluminium)

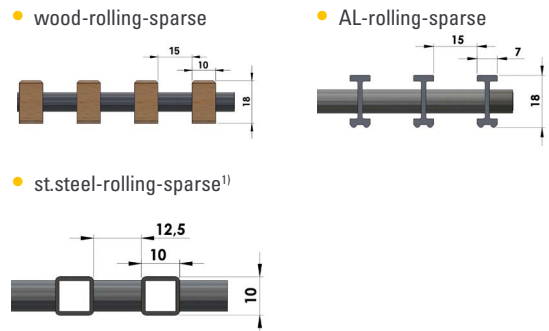


GRILLES - materials



(shades of the grilles are only illustrative)

GRILLES - profile



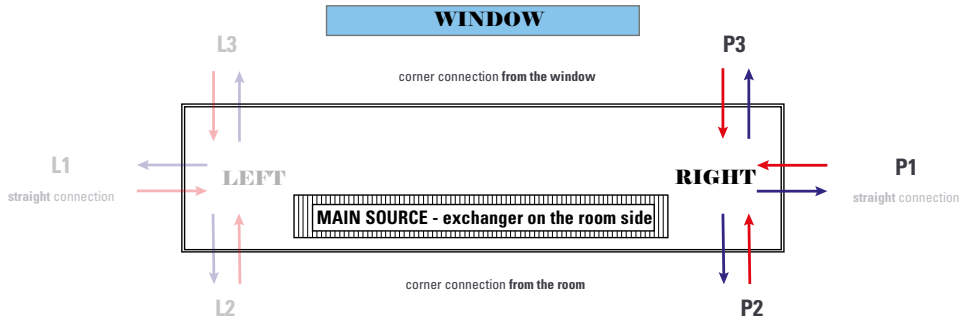
¹⁾ the grille must be ordered with the convector due to the modification of the convector construction

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

UNIVERSAL ORIENTATION AND CONNECTION OF THE CONVECTOR

Supplied as a **RIGHT VERSION**, but can be converted to the left version by the customer. In the case of atypical production (joints / corners of convectors) the design is set according to the approved drawing documentation.

If the convector is used as an **additional heat source** which prevents the condensation of the window, the correct position of the exchanger is at the window side. Water connection (**straight R1 / corner R2 or R3**) 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	619	551	524
	75/65	484	421	396
	65/55	361	303	281
	45/40	175	130	113
10 = 1000	85/75	723	642	611
	75/65	565	491	463
	65/55	421	354	328
	45/40	204	152	132
12 = 1250	85/75	981	872	829
	75/65	767	667	628
	65/55	571	480	445
	45/40	276	206	179
15 = 1500	85/75	1239	1101	1048
	75/65	969	842	793
	65/55	721	606	562
	45/40	349	260	227
17 = 1750	85/75	1497	1331	1266
	75/65	1171	1017	958
	65/55	871	733	679
	45/40	422	314	274
20 = 2000	85/75	1755	1560	1484
	75/65	1372	1193	1123
	65/55	1021	859	796
	45/40	495	368	321
22 = 2250	85/75	2013	1789	1702
	75/65	1574	1368	1288
	65/55	1172	985	914
	45/40	568	422	368
25 = 2500	85/75	2271	2019	1921
	75/65	1776	1544	1454
	65/55	1322	1111	1031
	45/40	640	477	416
27 = 2750	85/75	2529	2248	2139
	75/65	1978	1719	1619
	65/55	1472	1238	1148
	45/40	713	531	463
30 = 3000	85/75	2788	2478	2357
	75/65	2180	1895	1784
	65/55	1622	1364	1265
	45/40	786	585	510

EXAMPLE OF ORDER CODE

stainless steel

KPSA U 340 09* 140 81A

galvanised steel

KPSA U 340 09* 140 85A



* length complete according to the specification of the convector

Orientation: U = universal 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 covering grille. All other accessories (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.

INDIVIDUAL CALCULATION
of technical data you can
find on our website.

