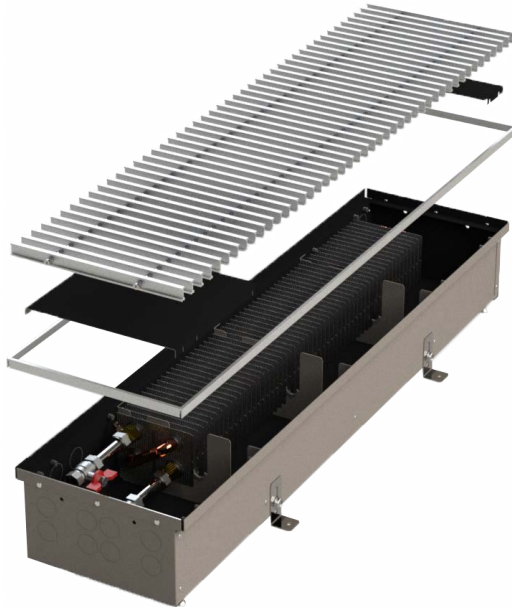


PM 140 / PM 140E

TRENCH HEATER WITH NATURAL CONVECTION
WITH UNIVESRAL CONSTRUCTION



CHARACTERISTICS

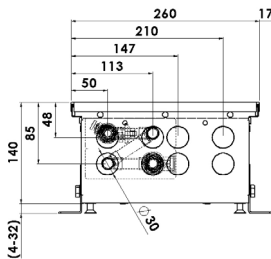
- **STANDARD** - the body of the convector is made from a **high quality stainless steel**
- **ECONOMY LINE / E** - made of **galvanised steel** sheet with internal black coating
- high natural convection
- short response time
- **universal right-left design**
- the new design enables joining the convectors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

DIMENSIONS

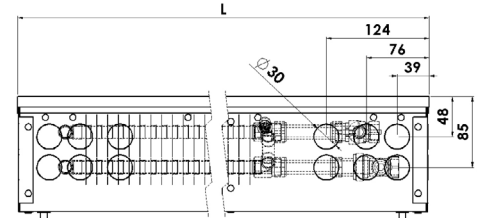
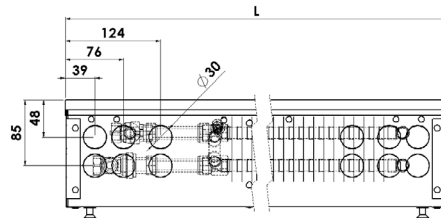
width - with standard frame	260 mm
width - with covering frame	206 mm
height	140 mm
length	900 - 3000 mm
connection *	G1/2"

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

CROSS SECTION



LONGITUDINAL SECTION

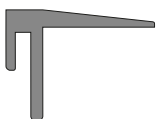


FRAMES

- Standard frame (AL-aluminium)



- Covering frame (AL-aluminium)

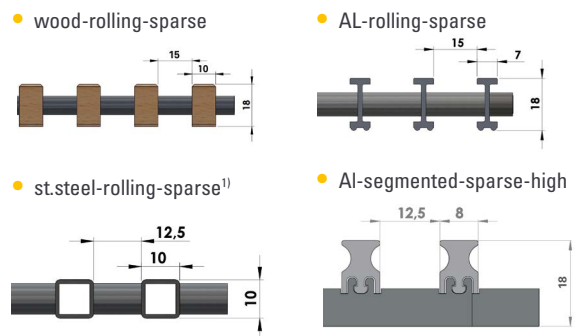


GRILLES - materials



(shades of the grilles are only illustrative)

GRILLES - profile



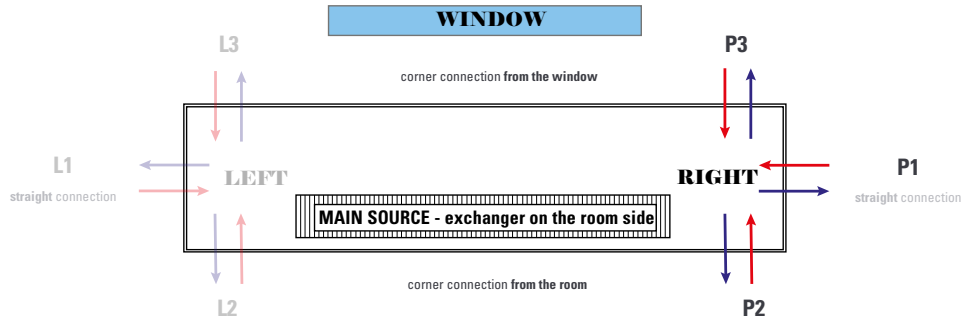
1) the grille must be ordered with the convector due to the modification of the convector construction

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	508	454	434
	75/65	403	353	334
	65/55	305	259	241
	45/40	154	117	102
10 = 1000	85/75	592	530	506
	75/65	470	412	389
	65/55	356	302	281
	45/40	180	136	120
12 = 1250	85/75	804	720	687
	75/65	638	559	528
	65/55	483	410	382
	45/40	244	185	162
15 = 1500	85/75	1016	909	867
	75/65	806	706	667
	65/55	610	518	482
	45/40	308	233	205
17 = 1750	85/75	1227	1098	1048
	75/65	973	853	806
	65/55	737	626	583
	45/40	372	282	248
20 = 2000	85/75	1439	1288	1229
	75/65	1141	1000	945
	65/55	864	734	683
	45/40	436	330	290
22 = 2250	85/75	1650	1477	1409
	75/65	1309	1147	1084
	65/55	991	842	784
	45/40	501	379	333
25 = 2500	85/75	1862	1666	1590
	75/65	1477	1294	1223
	65/55	1118	950	884
	45/40	565	428	376
27 = 2750	85/75	2074	1856	1771
	75/65	1645	1441	1362
	65/55	1245	1058	985
	45/40	629	476	419
30 = 3000	85/75	2285	2045	1951
	75/65	1813	1588	1501
	65/55	1372	1166	1085
	45/40	693	525	461

EXAMPLE OF ORDER CODE

stainless steel

KPSA U 260 09* 140 41A

galvanised steel

KPSA U 260 09* 140 45A



* 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 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.

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

