

MO



VERY EFFICIENT TRENCH HEATER
WITH A FAN FOR WET ENVIRONMENT



CHARACTERISTICS

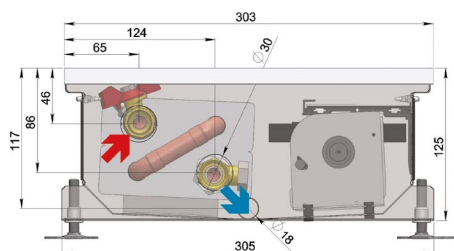
- body made from high quality stainless steel
- high forced convection output
- rapid room heating
- heating also when the fan is off
- low electricity consumption
- safe 12 AC voltage
- contains own microprocessor-controlled unit
- also suitable for heat pump

DIMENSIONS

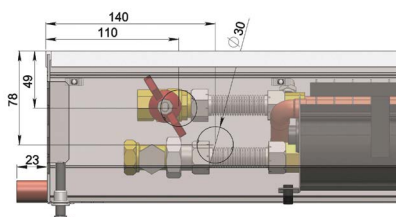
width - with standard frame	303 mm
width - with covering frame	329 mm
height	125 mm
length	900 - 3000 mm
connection *	G1/2"

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

CROSS SECTION



LONGITUDINAL SECTION

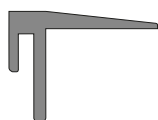


FRAMES

- Standard frame (AL-aluminium)



- Covering frame (AL-aluminium)



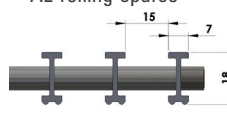
GRILLES - materials



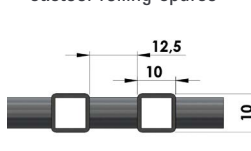
(shades of the grilles are only illustrative)

GRILLES - profile

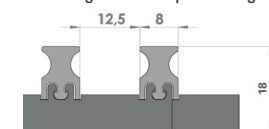
- AL-rolling-sparse



- 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

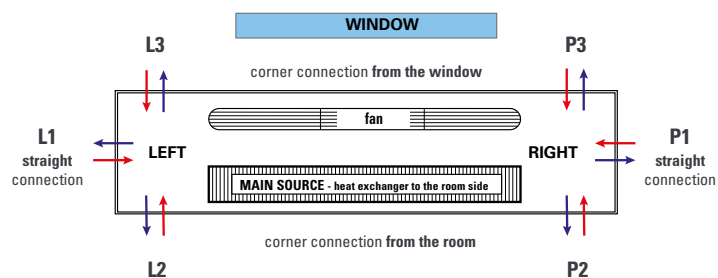
Standard grilles are transverse, if you are interested in **LONGITUDINAL GRILLES**, please contact your sales representative.

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

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

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

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

heating output Q [W]					
length L [mm]	input / output water temperature [°C]	speed			
		speed 0	speed 1	speed 2	speed 3
		air temperature t _A = 20°C			
09 = 900	85/75	215	1401	1540	2032
	75/65	178	1157	1272	1679
	65/55	141	916	1007	1329
	45/40	77	502	551	727
10 = 1000	85/75	251	1634	1797	2370
	75/65	208	1350	1484	1958
	65/55	164	1069	1175	1550
	45/40	90	585	643	849
12 = 1250	85/75	341	2218	2438	3217
	75/65	282	1832	2014	2658
	65/55	223	1451	1595	2104
	45/40	122	794	873	1152
15 = 1500	85/75	431	2802	3080	4064
	75/65	356	2315	2545	3357
	65/55	282	1832	2014	2658
	45/40	154	1003	1103	1455
17 = 1750	85/75	520	3385	3722	4910
	75/65	430	2797	3075	4057
	65/55	340	2214	2434	3211
	45/40	186	1212	1332	1758
20 = 2000	85/75	610	3969	4363	5757
	75/65	504	3279	3605	4756
	65/55	399	2596	2854	3765
	45/40	218	1421	1562	2061
22 = 2250	85/75	700	4553	5005	6603
	75/65	578	3761	4135	5455
	65/55	458	2977	3273	4319
	45/40	251	1630	1792	2364
25 = 2500	85/75	790	5136	5647	7450
	75/65	652	4244	4665	6155
	65/55	516	3359	3693	4872
	45/40	283	1839	2021	2667
27 = 2750	85/75	879	5720	6288	8296
	75/65	726	4726	5195	6854
	65/55	575	3741	4112	5426
	45/40	315	2048	2251	2970
30 = 3000	85/75	969	6304	6930	9143
	75/65	801	5208	5725	7554
	65/55	634	4123	4532	5979
	45/40	347	2257	2481	3273

CONNECTION OPTIONS AND ACCESSORIES

- connection **WITHOUT HEAD**
- connection **WITH ELECTROTHERMAL HEAD**
- connection **WITH 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.

REGULATION OPTIONS

Environ.	Type of regulation	Function of the convector	Control	Transformers
WET ¹⁾ (without head)	E2	heating	potentiometer ²⁾ thermostat TH 0482 BMS superior system	TT 240-E2 TT 300-E2

IT IS POSSIBLE TO USE YOUR OWN REGULATION.

1) in case of connection with head for the wet environment, client's own regulation required

2) external potential-free switching, e.g. via a boiler

EXAMPLE OF ORDER CODE



Orientation: L = left connection / P = right connection

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

ACOUSTIC PRESSURE

length L [mm]	Speed		
	speed 1	speed 2	speed 3
	Equivalent acoustic pressure level LAeq,2m [dB]		
900	<20	22,1	35,1
1000	<20	22,2	35,2
1250	<20	22,5	35,5
1500	<20	22,8	35,7
1750	<20	23,0	36,0
2000	<20	23,2	36,2
2250	21,4	24,8	37,7
2500	22,9	26,3	39,2
2750	23,2	26,6	39,5
3000	23,4	26,8	39,7

measurement at a distance of 2m from the noise source at 1m height

INPUT POWER

length [mm]	power [W]
900	51
1000	61
1250	61
1500	102
1750	122
2000	122
2250	153
2500	173
2750	183
3000	183



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