

T60



TRENCH HEATER
WITH A FAN



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 12V DC voltage
- contains own microprocessor-controlled unit
- also suitable for heat pump
- electronically commutated (EC) motor

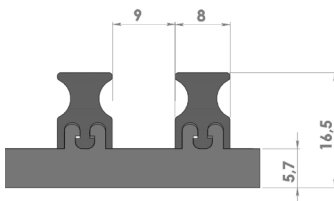
DIMENSIONS

width - with standard frame	243 mm
width - with covering frame	269 mm
height	65 mm
length	900 - 3000 mm
connection *	G1/2"

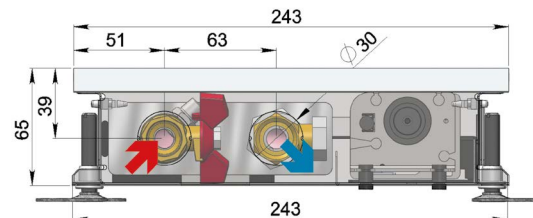
* internal thread on the heat-exchanger, without water connection accessories

GRILLES - profile

- AL-segmented-dense-T60



CROSS SECTION

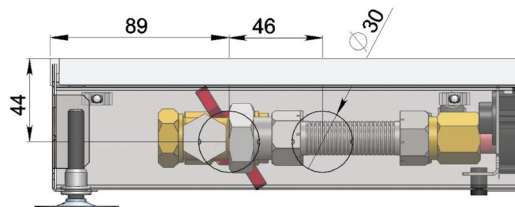


GRILLES - materials



(shades of the grilles are only illustrative)

LONGITUDINAL SECTION

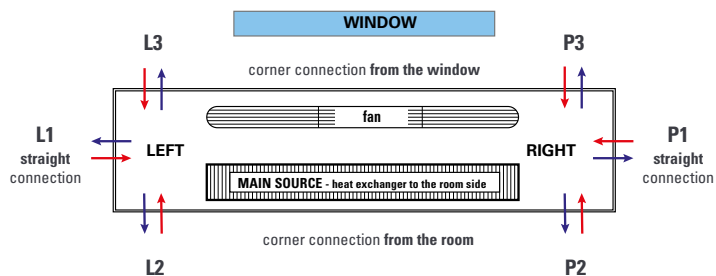


Convectors are designed to the CONCRETE FLOOR, in case of HOLLOW FLOOR installation, please consult with your sales representative.

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

length L [mm]	input / output water temperature [°C]	heating output Q [W]			
		speed			
		speed 0	speed 1	speed 2	speed 3
air temperature t _A = 20°C					
09 = 900	85/75	134	830	936	1113
	75/65	110	682	769	914
	65/55	86	536	604	719
	45/40	46	288	325	386
10 = 1000	85/75	156	968	1092	1298
	75/65	128	795	897	1066
	65/55	101	625	705	838
	45/40	54	336	379	451
12 = 1250	85/75	212	1314	1482	1762
	75/65	174	1079	1217	1447
	65/55	137	848	957	1138
	45/40	74	456	514	612
15 = 1500	85/75	268	1660	1871	2225
	75/65	220	1363	1537	1828
	65/55	173	1072	1209	1437
	45/40	93	576	650	773
17 = 1750	85/75	324	2005	2261	2689
	75/65	266	1647	1858	2209
	65/55	209	1295	1460	1736
	45/40	112	696	785	934
20 = 2000	85/75	379	2351	2651	3152
	75/65	312	1931	2178	2590
	65/55	245	1518	1712	2036
	45/40	132	816	921	1095
22 = 2250	85/75	435	2697	3041	3616
	75/65	358	2215	2498	2971
	65/55	281	1741	1964	2335
	45/40	151	936	1056	1256
25 = 2500	85/75	491	3042	3431	4080
	75/65	403	2499	2819	3351
	65/55	317	1965	2216	2635
	45/40	170	1056	1191	1416
27 = 2750	85/75	547	3388	3821	4543
	75/65	449	2783	3139	3732
	65/55	353	2188	2467	2934
	45/40	190	1176	1327	1577
30 = 3000	85/75	603	3734	4211	5007
	75/65	495	3067	3459	4113
	65/55	389	2411	2719	3233
	45/40	209	1296	1462	1738

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.

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

Type of regulation	Control	Switched sources
EB-A ¹⁾ manual	potentiometer ²⁾	in mounting box: PSB 55W PSB 90W
	potentiometer + thermostat	
	customer thermostat for 24V or 230V + ADA converter	
EB-B automatic	BMS superior system	for DIN rail: PSD 55W PSD 90W PSD 115W
	thermostat CH-110	
	thermostat CH-150	
EB-C semi-automatic	customer thermostat for 24V or 230V + ADA converter	
	thermostat TH 0482	
	customer thermostat for 24V or 230V + ADA converter	

IT IS POSSIBLE TO USE YOUR OWN REGULATION.

- 1) it is necessary to reset the control unit-EB-block (by default it is set to EB-B / EB-C)
- 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	21,1	25,9	38,3
1000	21,2	26,0	38,3
1250	21,4	26,2	38,4
1500	21,5	26,3	38,5
1750	21,9	26,7	38,9
2000	22,2	27,0	39,3
2250	22,3	27,1	39,4
2500	22,4	27,2	39,5
2750	23,4	28,2	40,5
3000	24,4	29,2	41,5

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

INPUT POWER

length [mm]	power [W]
EC MOTOR	
900	6
1000	6
1250	10
1500	11
1750	12
2000	16
2250	17
2500	17
2750	22
3000	22

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

