

BASEBOARD HEATING

BASEBOARD HEATING



APPLICATION AREA

Baseboard modular heating system by Thermal Technology®, not invasive due to small sizes, is recommended for renovations. Basic principle of this technology is radiant heat (75-80%) with natural diffusion, and in case of humid walls, it favours their gradual drying. Heat diffusion by convection is moderate (20-25%), not generating dust micro particles or bacteria movement.

NO HARMFUL ELECTROMAGNETIC EMISSIONS

FUNCTIONAL CHARACTERISTICS

Baseboard elements can be installed also on the corners or behind the furniture. Heated elements does not cause overheating because each piece of baseboard is equipped with safety thermostat of 70°C interrupting operation when necessary, without interference with the rest of elements.

CARBON FIBER

Carbon fiber is flexible, does not oxidize, does not produce harmful electromagnetic fields during electricity flow, has no dimensional variations as the temperature changes nor deterioration of ohmic values. No wearing and no maintenance required. Its high resistivity permits significant energy savings.

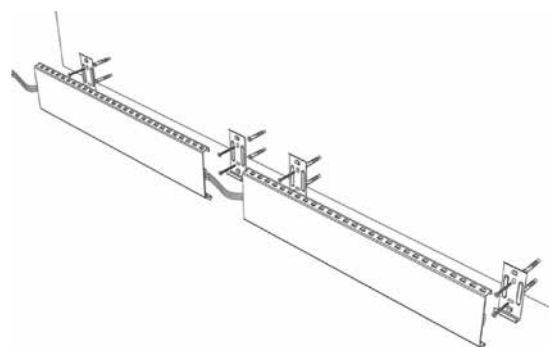
TEMPERATURE CONTROL

Special limiting thermostat installed on each element permits energy savings, creating evenly distributed heat on all the walls.

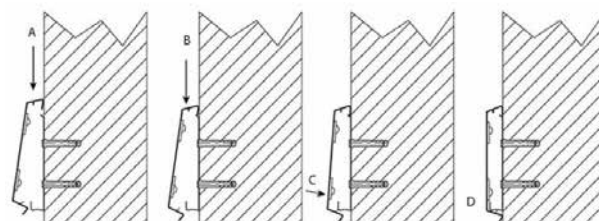
STRATIFICATION

Stratification starting from outside layer:

- Stove varnished steel
- Carbon fiber resistors
- IP 68 module/module connectors
- Aluminium sheet.



BASEBOARD CLICK FIXING ON THE WALL



BASEBOARD HEATING SYSTEM COMPONENTS FIXING

COMPONENTS											
	Heating elements	Heating elements	Non heating elements	Non heating elements	Inside angle	Inside angle	Final cup right or left	Power supply cable	module/module cable	module/module cable	5 wall bracket kit+screw
Height cm/in	10/3.94	10/3.94	10/3.94	10/3.94	10/3.94	10/3.94	10/3.94				
Length cm/in	200/78.74	100/39.37	100/39.37	50/19.68	10/3.94	10/3.94	1/0.39	300/118.1	150/59.0	75/29.53	
Width cm/in	1.6/0.63	1.6/0.63	1.6/0.63	1.6/0.63	1.6/0.63	1.6/0.63	1.6/0.63				
Weight kg/lb	3/6.61	1.5/3.3	1.2/2.64	0.6/1.32	0.1/0.22	0.1/0.22					
Power supply	230V 50 Hz										
Power W	240	120									

MODEL	POWER SUPPLY	POWER	PROTECTION DEGREE	TEMPERATURE CONTROL	CONNECTORS	DIMENSIONS (cm/in)
BTX	230 Vac 50/60 Hz	120W/m	IP68	thermostatic control to 70°C	Connectors IP68	200/78.74 x 10/3.94 x 1.6/0.63 100/39.37 x 10/3.94 x 1.6/0.63

CONFORMITY



This product is manufactured in conformity with the electrical safety standards set by Low Voltage Directive 2014/35/EU. This product is in conformity with Electromagnetic Compatibility Directive 2014/30/EU, concerning the standards for electromagnetic emissions.

Thermal Technology powered by Carbon Fiber Heating SRL - 417075, Borş, Parc Industrial Borş, Nr. 1C, jud. Bihor, Romania
Phone: + 39 0423 858589 - www.thermallt.com - info@thermallt.com