

ALUMINIUM HEATING ELEMENTS FOR CONVECTION

BACKER

Description

Designed to overcome all drawbacks of traditional heating systems. Backer's aluminium elements products guarantee noiseless operation, perfect running and optimal efficiency. The large finned surface allows 86% of the heat to be conveyed through convection quickly and uniformly, moving a considerable air volume at low temperature if assembled in appliances with the correct assembly.

Technical specification

Material	Aluminium
Design	Different types of gilles performance One- or two end connection
Connection	Cables or tab terminals acc. to customer specification
Voltage	Max 480 V
Optional	Fixing devices
Safety	The elements meet requirements acc. to EN 60335-1
Others	Maximum working temperature on element surface 350°C When assemble allow an expansion of ca. 1% of the element length

Model	Element Ø (mm)	W/length cm
I-80	8.5	12
I-100	8.5	15
X-51x71	8.5	20
X-65x84	8.5	25
X-67x89	14.0	30

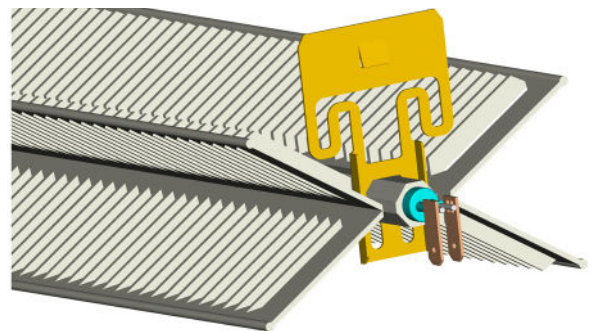
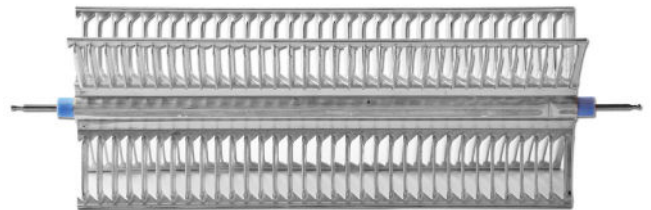
Aluminium Elements

BENEFITS

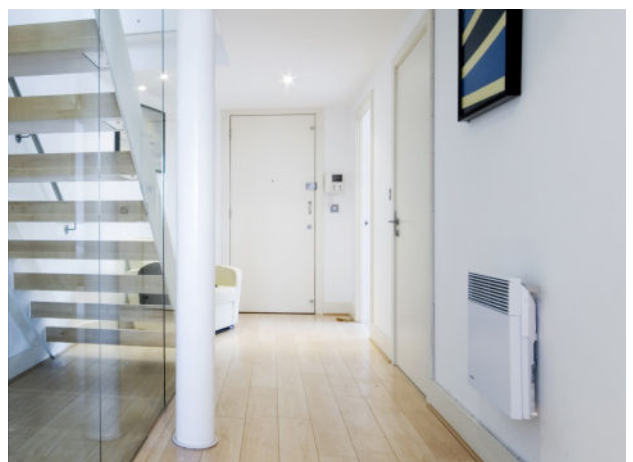
- Low tool cost by new production
- Low weight
- Fast and even heating
- Effective conduction of heat
- Long duration product

FIELDS OF APPLICATION

- Radiators/convectors
- Train compartment heaters



Aluminium element with example of fixing device



Convactor