

# 1.06.01 Aluminium heating elements for convection

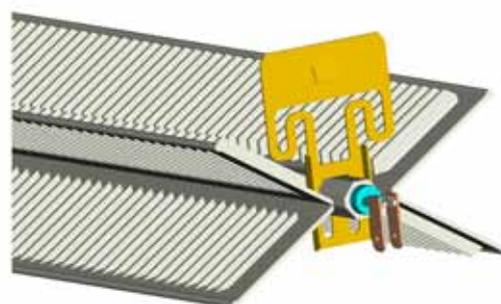


## >> Description

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 uniformed, moving a considerable air volume at low temperature if assembled in appliances with the correct assembly.

## >> Technical specification

Material	Aluminium
Connection	Cables or tab terminals acc. to customer desire
Design	Different types of gilles performance One- or two end connection
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



Aluminium element with example of fixing device.

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

## >> 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 elements



Convactor