



Motor heater



Domestic water heater



Cast-in elements

## 1.03.00 Cast-in elements

Backer tubular heating elements can be produced cast-in in an aluminium alloy. The cast-in technique offers advantages such as influencing the temperature regulation of a large mass, uniform heat emission and low operating temperatures thanks to the fact that surface enlargement can be integrated with the element.

### >> Type of heating

Indirect liquid heating  
Contact heating  
Convection/air heating

### >> Material

Different aluminium alloys  
Brass

### >> Dimension

Maximum 500 x 500 mm, in certain cases even bigger

### >> Fields of application

Heating plates  
Oil heating  
Motor heaters  
Tool heaters  
Frying tables

### >> Assembly

Fixing to the object

### >> Connection

M4, flat pin, spot welded cable, round pin

### >> Type

One or two wattage ratings/element  
According customer specification  
Standard range  
Can be manufactured with UL, VDE approval



Example of product design