

Installation and storage instructions

Dear Customer

Thank you for choosing a Backer ELC product. The product has qualities that have a very positive effect on its longevity and durability. Please take note of the following guidelines

1. Installation and removal / use

2. Only have the heating elements installed and electrically connected by trained personnel
3. The heating element is used for liquid heating, air gas heating, or is as Infrared radiator used
4. Note the operating voltage
5. Curved areas should never be bent back. In deformation have no more guarantee

1. Technical Data / Connections

1. Lay the connections so that the cables do not come with sharp edges or Objects come into contact to avoid electrical short circuits
2. Protect connection area against penetrating liquids and gases to avoid electrical short circuits.
3. The connections must be chosen so that the temperatures this occurring withstand.
4. Further technical data can be found in the order confirmation and the dimensional drawing remove.

3. Installation and Commissioning

1. The safety standards apply to EN 60335-1
2. Installation must ensure contact protection.
3. These are components of the protection class I.
4. For heating elements without protective conductor connection, the entire heating element must be protected from contact to be protected.
For grounded heating elements only their connection points must be protected against contact.
5. Tools in which the heating elements are installed must always be grounded.
6. Da Since the heating elements can become very hot, they must be against contact be protected.
7. Heating elements must not be in contact with flammable materials during operation

8. Before Commissioning:

- a) Retighten all screws in the connection box
- b) Check operating voltage

4. Storage Regulations

1. If the radiator is not installed and operated immediately, it is in dry rooms to store.
2. The heating elements can be stored for a long time (over 6 months)
Have insulation resistance (moisture exposure). Before definitely
Commissioning Heating element without additional fuse (fault current switch FI, etc.)
for at least 1 h. heat
3. E Another possibility is to heat the heating element in a heating oven drying out a littel bit

5. Garantie

1. Any warranty is excluded for heating elements that
 - a.) have been damaged by poor storage
 - b.) were used in operating conditions other than those specified by the supplier.
 - c.) not manufactured to our manufacturing standards
 - d.) worn out under normal use
 - e.) improperly handled, used, connected to wrong operating voltage
 - f.) have been repaired or modified without the consent of the supplier
 - g.) suffered corrosion damage
2. All products which are complained, must us for the erroranalysis to the will be provided

Further our general conditions of sale and delivery apply.