



Control cabinet



Solid state relay



Regulators

8.02.00 Regulators and sensors

Backer provide regulators, temperature sensors and semiconductor relays for temperature regulation of heating equipment, tools and machines within among others plastic- and packing industries. We can offer the components or we can design, manufacture and deliver a complete unit for regulation.

>> Regulators

We hold a wide range and types, e.g:
One or two displays
Two or five exits

>> Temperature sensors

Backer has resistive sensors type Pt 100
for measuring of temperatures up to 600°C.
We also have thermocouple type J and K for measuring
of temperatures up to 800 respectively 1150°C

>> Semiconductor relay

As an alternative to electro mechanical contactors
to avoid disturbances in the switch function due
to wear of moving parts

>> Fields of application

To regulate/control the temperature in e.g.:

- Baths
- Tools
- Gluing tables
- Airflow
- Ovens



Example of product design