Ceramic Infrared Panel Radiators

Elstein HSR high speed radiators are quick-reaction ceramic infrared panel radiators, designed for operating temperatures up to 860 °C and surface ratings up to 64 kW/m².

The external characteristics of the HSR radiators is their visible heating coil, which is installed in a ceramic body. This design shortens the heating up and cooling down time up to 65 % as well as a reduced heat transfer to the wiring space.

HSR high speed radiators are particularly suitable for use in clocked production processes, for frequent tool changes or if the temperature has to drop quickly in case of transfer disruptions, in order to prevent damage to the production plant.

Elstein HSR high speed radiators are available in three designs and cover the power range from 125 W to 1000 W.
The power can be controlled using thermocouple radiators together with TRD 1 temperature controllers, TSE thyristor switching units and other accessories.

IR radiation areas can be assembled using REO reflectors, REF construction sets, EBF and EBI construction elements, MBO mounting sheets as well as BSH and BSI construction panels.

The national safety regulations must be complied with for the respective application, for example, the IEC or EN standard 60519-1, Safety in electrical heating installations.

Our instructions for mounting, operation and safety must be observed.

**Important:** The radiators of the HSR series must be installed and operated in a way, which does not enable touching the heaters (risk of injury due to electric shock).