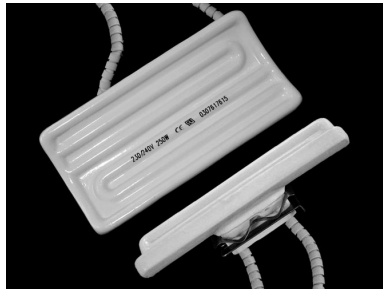


Radiatoare ceramice infrarosu

INFO



Descriere:

Radiatoarele ceramice infrarosu sunt elemente de incalzire eficiente cu constructie robusta, ce ofera radiatii in lungimile de unda lungi. Sunt folosite in diverse procese din industrie ca termoformarea, conservarea, tiparirea si uscarea anumitor produse. Sunt de asemenea utilizate foarte eficient la incalzirea incaperilor si la saune infrarosii.

Radiatoarele ceramice opereaza intre temperaturi de 300 °C si 700 °C (temperaturi de suprafata), oferand lungimi de unda cuprinse intre intervalul de 2-10 microni. Majoritatea materialelor plastice si alte diverse materiale absorb mai bine caldura in acest interval de unda, facand aceste radiatoare cele mai eficiente radiatoare emitente de infrarosu de pe piata. Pentru aceste radiatoare ceramice sunt disponibile si reflectoare din inox, in care se pot monta si pot fi directionate spre zonele unde este necesara incalzirea.

Domenii de utilizare:

Radiatoarele ceramice infrarosu se utilizeaza in domenii largi: incalzirea foliilor si a placilor din mase plastice, fabricarea foliei contractante, activizarea adezivilor, termofixarea firelor de nylon si perlon, uscarea emulsiilor plastice, uscarea hartiei brute si tiparite, uscarea pielii brute si vopsite, cauterizarea suprafetelor lacuite, tratarea termica a sticlei, lipirea circuitelor integrate, incalzirea camerelor climatice, incalzirea infrasaunelor, incalzirea cutiilor de jonctiune, uscarea tesaturilor, pastrarea la cald a alimentelor, incalzirea animalelor etc.

Ceramic infrared heating elements

INFO

Description:

Ceramic infrared heating elements are efficient, robust heaters which provide long wave infrared radiation. They are used in a diverse range of industrial processes such as thermoforming, paint curing, printing and drying. They are also used very effectively in infrared outdoor heaters and infrared saunas.

Ceramic elements operate in the temperature of 300°C to 700°C (572°F - 1292°F) producing infrared wavelengths in the 2 - 10 micron range. Most plastics and many other materials absorb infrared best in this range, which makes the ceramic heater the most efficient infrared radiant emitter on the market.

A range of aluminised steel reflectors are also available to ensure that most of the radiation generated is reflected forward on to the target area.

Fields of use:

Ceramic infrared heaters are used in broad areas: heating foils and plastic sheets, contracting film production, activation of adhesives, heating of nylon and perlon wire, drying emulsifier plastics, drying raw and printed paper, drying of rough and painted skin surfaces, cauterization of varnished surface, thermal treatment of glass, bonding integrated circuits, warming of climate chambers, warming of infrasaunas, warming of junction boxes, drying of fabric, keeping the food warm, warming of animals, etc.