

## Ideal For Many Process Heating Applications Requiring “Hot Face” Temperatures

Easy to install and capable of high surface temperatures, the RAYMAX® 1220 and 2030 are ideal for many process heating applications requiring “hot-face” temperatures above 1000°F (540°C).

Each ceramic fiber heater is mounted in a 2½ in. (64 mm) deep sheet metal case providing thermal insulation. The case includes post terminals for electrical connections and provides a mounting system that can be used with virtually any flat ceramic fiber unit. Watt density and temperature capabilities can be tailored to meet a specific radiant application for exposed sinuated embedded coil or foil element configuration.

### Performance Capabilities

- RAYMAX 2030 (uses sinuated or coil elements): temperatures up to 2000°F (1095°C); watt densities up to 30 W/in<sup>2</sup> (4.7 W/cm<sup>2</sup>)
- RAYMAX 1220 (uses an etched foil element): temperatures up to 1200°F (650°C); watt densities up to 20 W/in<sup>2</sup> (3 W/cm<sup>2</sup>)
- Maximum voltage up to 600V

### Features and Benefits

#### Lightweight, low mass design

- Allows fast response to controllers

#### Self insulation with 2½ in. (64 mm) thick mounting case

- Provides high efficiency

#### Thermocouple mounting clamp

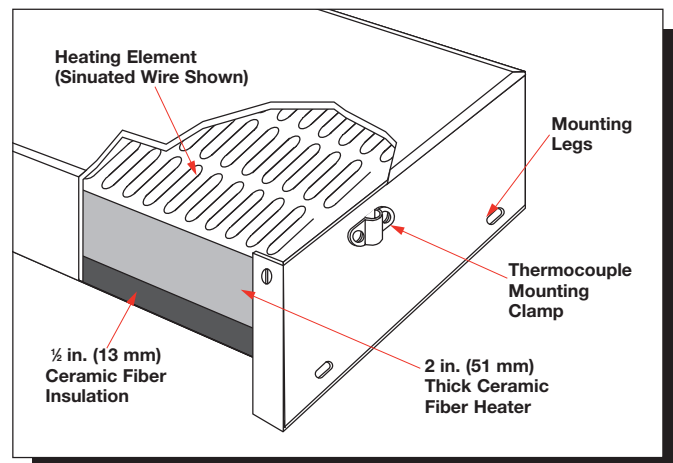
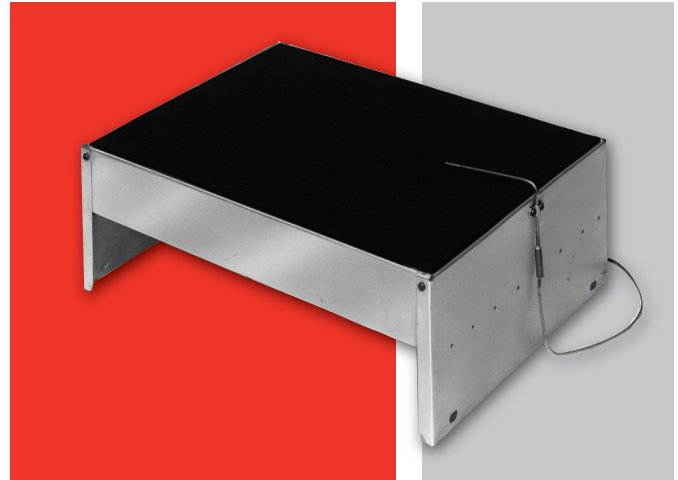
- Simplifies process system control

#### Aluminized steel case

- Handles temperatures up to 1100°F (595°C)

#### Special hot-face heating patterns

- Designed specifically for an application using an etched foil RAYMAX 1220



### Typical Applications

- Conveyor furnaces
- High-temperature vessel heating
- Tempering and annealing processes for glass, wire, ceramics and metals
- Coating, curing and drying of inks, paints, plastics and films

