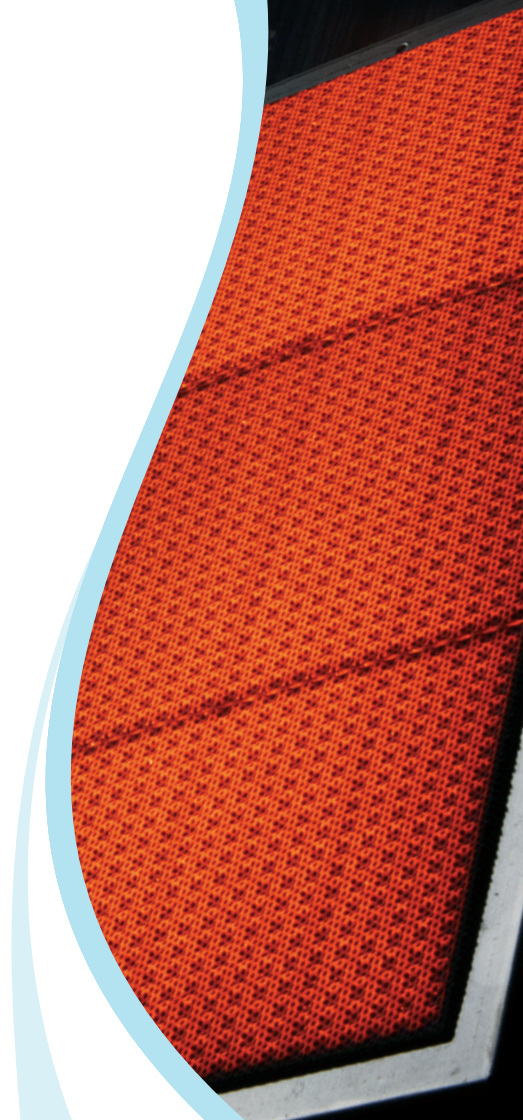




Ceramic Tile Burners

iTS ceramic tile burners deliver consistent flame characteristics, high heat flux, exceptional performance and long life at low cost. Extensive experience and technical expertise in advanced ceramic technology makes iTS the only burner manufacturer in North America that designs and manufactures its own ceramic plaques. This combination of expertise in combustion technology and flexibility in ceramic design provides custom design burners for any specific application.



ADVANTAGES

- Low cost
- High durability
- Formed using mullite and cordierite material
- Low thermal conductivity for optimum combustion performance
- Precisely controlled open area, material density and porosities to achieve maximum performance
- Different surface patterns provide maximum heat absorption to increase efficiency
- Cordierite material stands up well against mechanical and thermal shock
- Quick heat up and consistent, even glow over the entire heating surface

APPLICATIONS

- Barbecues
- Broilers
- Pizza ovens
- Steak cookers
- Fireplaces
- Convection ovens
- Griddles
- Hold ovens
- Fryers
- Dishwashers
- Furnaces
- Ranges
- Boilers
- Hot water heaters
- Bake ovens
- Rotisserie ovens
- Evaporators

SPECIFICATIONS

- Firing rate of 150 to 500 BTUH/sq inch (depending on the application)
- Operation mode: Infrared
- Low cost
- Custom radiant surface configurations available
- Low emissions of NO_x and other pollutants
- Internal baffles for distribution

