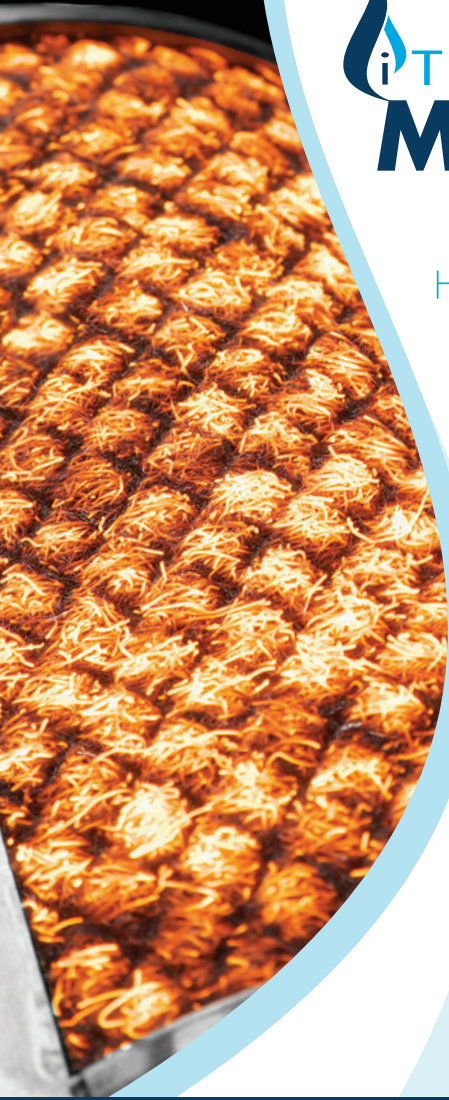




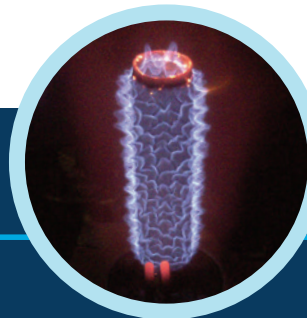
Metal Fibre Burners



High-temperature-resistant Fecralloy fibres (alloy of Fe-Ni-Al) and other heat-resistant metal alloy fibres are made into a matrix where the small openings act as pores or voids allowing the passage of a gas and air mixture. The material is then made into various geometrical shapes to form a combustion surface to best fit the particular application. The integrity of the material is well maintained after burning and exposure to high heat.

ADVANTAGES

- High durability
- Long temperature life
- Greater oxidation resistance and form stability
- Perforated substrate provides even flow uniformity across the burner
- Ten to 1 turndown makes these burners suitable for a variety of applications



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 350 to 5000 BTUH/sq inch (depending on the application)
- Operation mode: Infrared
- Moderate heat up and cool down
- Flat, semi-flat (dome) and semi-cylindrical shapes available
- Low emissions of NO_x and other pollutants
- Perforated substrate for distribution