MetFlame® is a Metal Foam Flame Stabilizer/Infrared Emitter from SELEE Corporation (ISO 9001 Certified)

MetFlame® PB from SELEE Corporation is a high efficiency infrared emitter that is capable of reaching uniform operating temperatures up to 2000°F nearly instantaneously without the use of a reverberating screen. It is robust enough for the toughest commercial cooking or industrial drying application and provides a cost effective alternative to currently available infrared emitter materials.

The unique, fine porosity, low density, tortuous structure and tough metal alloy composition of MetFlame® PB provides many operational advantages simply not possible with sintered metal fiber or pressed, needled, or ported ceramics. It is available in a wide range of geometries to meet your application requirements.

To discuss how the technical advantages of MetFlame® PB can put the heat on your difficult industrial drying or commercial cooking applications, please contact SELEE Corporation.

Contact:
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SELEE Corporation

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• Energy efficient. Produces a maximum operating temperature of 2000°F at 135,000 BTU/ft²/hr, without a screen
• Nearly instantaneous heat up and cool down provides the ultimate in heat recovery
• Adjustable temperature with a turn-down ratio of 4:1 while in infrared mode
• Significantly more robust than ceramics for the ultimate in thermal shock resistance and thermal cycling
• Corrosion resistant metal alloys provide stable, long life in harsh, high temperature, acidic environments
• One-piece design provides uniform heat distribution without dead zones caused by panel joints or seams
• Significantly reduces NOx emissions with short flame length combustion
• Flexible geometry allows creative solutions for difficult installations.
• Available in panel sizes up to 24”x 32”
MetFlame® PB Operational Data

**MetFlame® Heating Rate**
84,450 BTU/ft²/hr

**MetFlame® Cooling Rate**

**MetFlame® NOx Emissions**

**MetFlame® Operating Temperature**

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