



# MetFlame<sup>®</sup> PB

Infrared **P**ower **B**urner Emitter

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

**MetFlame<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> PB** can put the heat on your difficult industrial drying or commercial cooking applications, please contact SELEE Corporation.

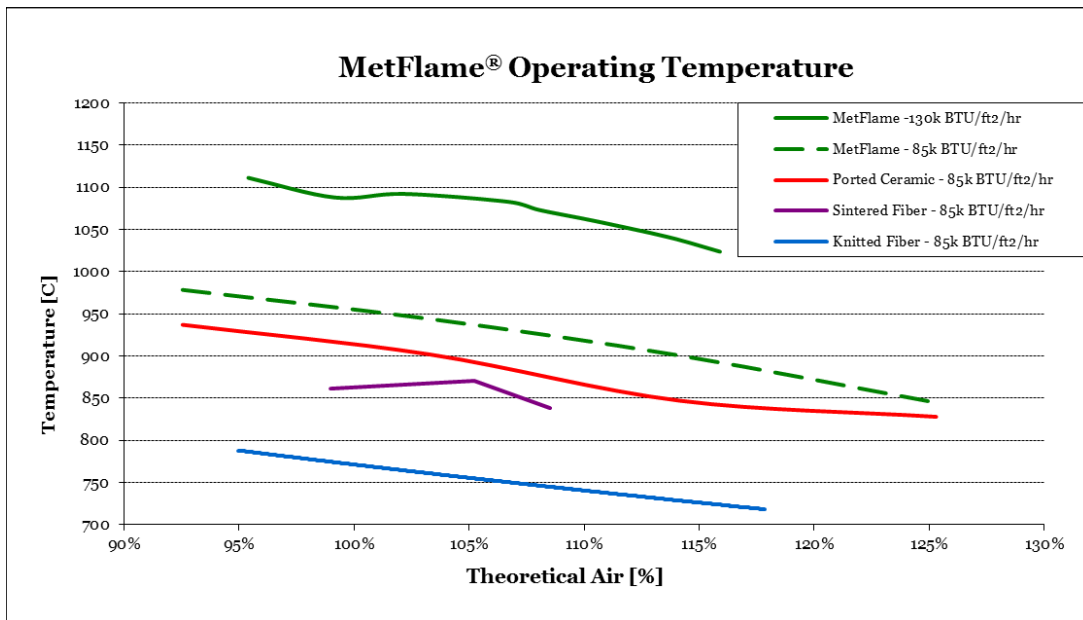
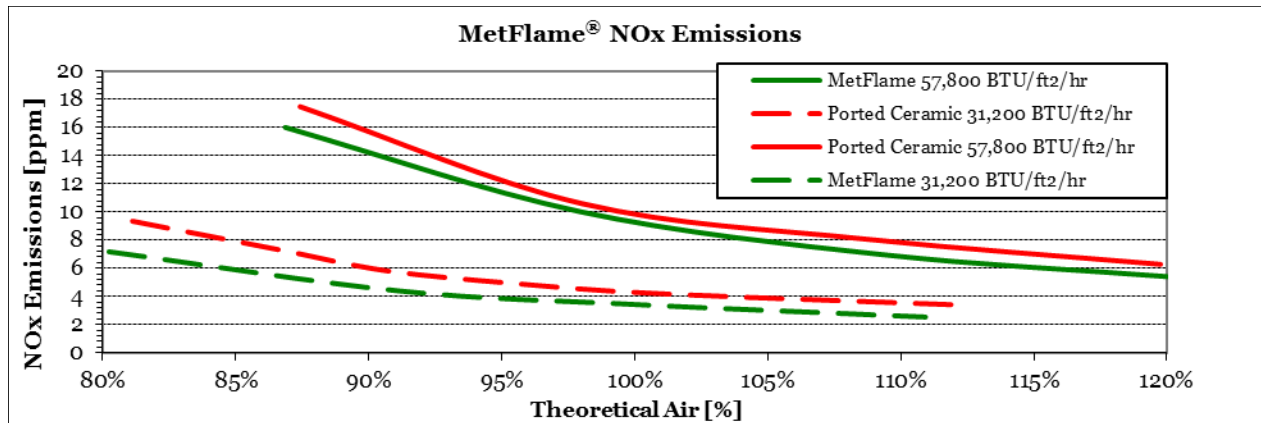
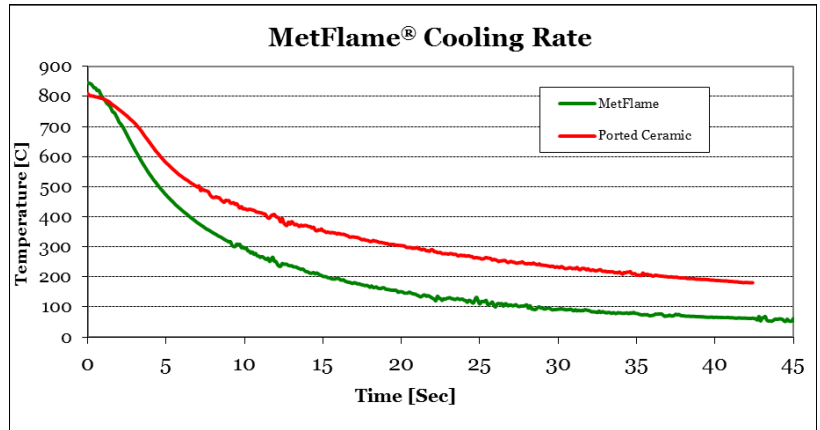
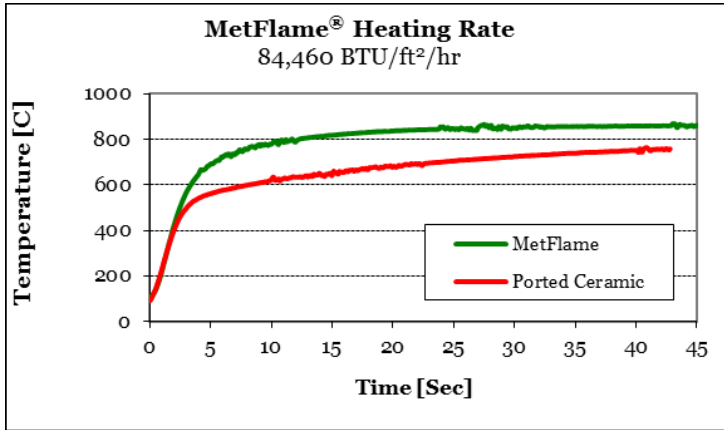
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- **Energy efficient. Produces a maximum operating temperature of 2000°F at 135,000 BTU/ft<sup>2</sup>/hr, without a screen**
- **Nearly instantaneous heat up and cool down provides the ultimate in heat recovery**
- **Adjustable temperature with a 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



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