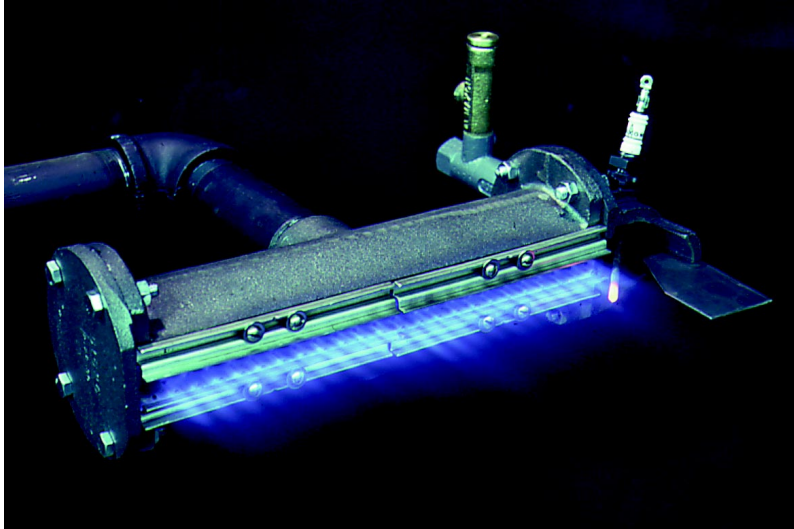


# Premix-type Line Burners

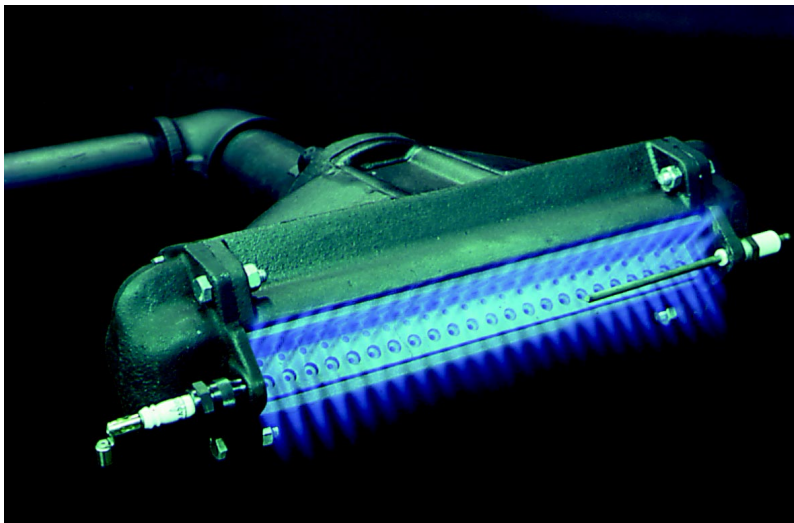
## Style A, B & C LINOFLAME® Burners



Short, ribbon-type flames are produced by modular-designed sections with “customized” drillings. These modular sections can provide burner elements that most nearly match your application’s heat and/or flame distribution requirements.

Heat releases up to 525,000 Btu/hr per lineal foot of burner and turndown ratios up to 7:1 are possible from the three different styles of LINOFLAME® Burners. Each style is designed with over 25 popular sections to maximize the application flexibility of this type of line burner. Let Maxon help you design the burner element to meet your needs.

## Type “VF” LINOFLAME® Burners



Like the Style A, B & C line burners above, the Type “VF” LINOFLAME® Burners also provide a ribbon of fire, but in a wider and V-shaped pattern. Cast iron, V-faced, modular sections incorporate standardized drillings for interchangeability.

Heat releases up to 600,000 Btu/hr per lineal foot of burner and turndown ratios up to 10:1 are produced from two different types of LINOFLAME® Burners: “VFL” (V-faced, low capacity) and “VFH” (V-faced, high capacity).

Positive flame retention and constant cross-ignition are provided without separate ignition rails. Maintenance and cleaning are easy.

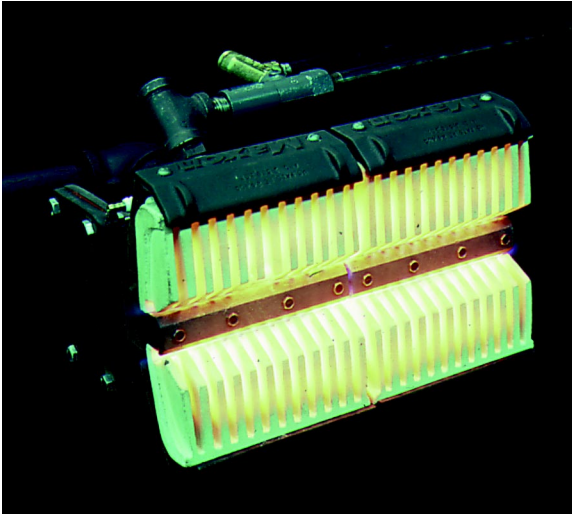
“VF” LINOFLAME® Burners make stable operations possible in fresh still air, highly inert air streams, or with air velocities up to 4000 SFPM.

Manufactured under U.S. Patent #3,511,589; European patents granted and pending.



# Premix-type Line Burners

## INFRAWAVE® Burners



A high-intensity infra-red energy radiates from the high face temperatures of the ceramic refractory grids of an INFRAWAVE® Burner.

Their design produces a low forward velocity air movement, minimizing disturbances of granular or powder products.

Modular-designed sections permit tailoring total heat release and radiant pattern to your particular application requirements.

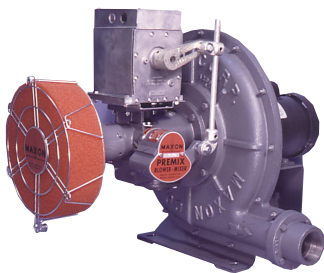
Two versions of INFRAWAVE® Burners (“SG” single grid or “DG” double grid) provide the application flexibility that dramatically boosts production speeds by concentrating heating into small areas and/or onto fast-moving products.

Typical applications for INFRAWAVE® Burners are:

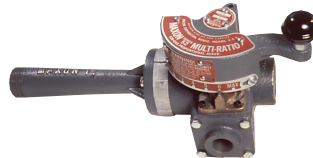
- Direct spot heating
- Direct heating/drying on a conveyer
- Oven process heating or drying
- Moving web heating/drying processes

Manufactured under U.S. Patents RE 24,405 and 3,588,301

### Air/gas premixing equipment used to provide thorough blending of air/gas mixture to Maxon Line Burners



**PREMIX® Blower Mixers**  
*(see catalog bulletin 3100)*



**MULTI-RATIO® Mixers**



**Series “HG”  
Mixing Tubes**



**Series “LG”  
Mixing Tubes**

*(see catalog bulletin 3200)*



**VENTITE™ Inspirator Mixers**  
*(see catalog bulletin 3300)*

