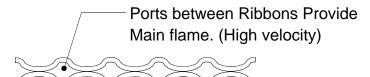




Outer Mantle
Burning Plasma
Inner Cones
Non-Combusted Gas



Ported Ribbon Strips



Meshed Ribbon Strips

Gaps between Ribbons Provide Pilot flame. (Low velocity)

**ERB** Ensign Ribbon Burners LLC
101 Secor Lane Pelham Manor NY 10803

Typical Ribbon Flame Development

April 1999